

IDRC-TS44e

**Checklist of Publications
Associated with IDRC
and Recorded in AGRIS: 1975-1982**

Table of Contents

Foreword	iii
Avant-propos.....	v
Prólogo.....	vii
Typical Entries	ix
Bibliography	1
Personal Author Index	37
Corporate Entry Index	41
Commodities Index	43
Geographical Index — Political Geography and Marine Areas.....	54
Geographical Index — Physical Geography	61
Centres Participating in AGRIS	62
Table of Country and Institution Codes.....	66
Table of Language Codes.....	67

Foreword

AGRIS is the International Information System for the Agricultural Sciences and Technology; it is managed by the Food and Agricultural Organization of the United Nations (FAO) in cooperation with the national and regional centres listed on pages 62-65 of this publication.

The information recorded in AGRIS is that provided by the participating centres and by FAO acting for itself and for certain other international agencies. Each item of information is the description of a document and, in 1982, a total of 130 829 such items were added to the file. AGRIS is a computerized system, and the totality of the file (data base) is available to the participating centres on magnetic tape. FAO maintains this data base and also publishes a monthly current awareness service, *Agrindex*, which is derived from the new items as they are reported and which is constructed by photocomposition from the computer records.

The carrier language of AGRIS is English. Hence, although the system is hospitable to information describing documents whatever their original language, titles are translated into English and the indexing is based on this language. That situation may evolve soon as FAO has adopted a multilingual thesaurus, *AGROVOC*, for the indexing of AGRIS records in the future, and participating countries are encouraged to use it. However, the retrospective bibliography that is presented here was compiled from the existing AGRIS file and necessarily follows the language rules established by FAO.

AGRIS was officially launched at the start of 1975, and the first issue of *Agrindex* appeared in January of that year. The records that appeared in the first issues were, however, prepared in 1974. For the title of this publication, we have chosen to use the dates of appearance of the items in *Agrindex*, that is 1975-1982; however, broadly speaking, the documents described were originally published in 1974-1981.

The International Development Research Centre (IDRC) has been associated with the development of AGRIS since the earliest days. It contributed staff-time during the design phase, and co-sponsored meetings with FAO to help ensure that the needs of developing countries were reflected in the design. IDRC has provided financial and professional assistance to several of the regional and national centres now actively participating in the system.

IDRC has itself also acted as a participant in the system, reporting via FAO its own publications that fall within the subject scope of AGRIS (agriculture, forestry, fisheries, food science, and rural development). These publications represent the majority of the items contained within this bibliography.

The bibliography was, however, constructed by searching for those documents that, in any data element, contained the name "International Development Research Centre", or the acronym "IDRC", or the French and Spanish equivalents of these. Hence this search also picked up items published elsewhere if, for example, IDRC was shown as the affiliation of a personal author. Items were also extracted if the record, as reported to AGRIS, indicated that the document was copublished by IDRC or produced as a result of work financed by IDRC.

It would be wrong to see this as a complete bibliography of all work in the agricultural sector supported by IDRC. Any document that may have been produced as a result of IDRC activities will appear here only if that document was reported to AGRIS by the national centre in the country where it was produced (and if the record prepared by the national centre indicated a relationship to IDRC). And, although AGRIS has progressed a long way toward comprehensive coverage of the world's new agricultural documents, there is still a distance yet to go.

Documents mentioned in this publication may be obtained from the IDRC when they are not available from the reader's library. Microfiche are sent free of charge to institutions and researchers in developing countries. Other users may obtain them for \$1 CAD each. In certain cases, hard copies are available upon request. When requesting a document from the Information Sciences Division of IDRC, readers are kindly requested to indicate the sequential reference number (RN) as well as the title printed in boldface.

This bibliography was prepared as photocomposed computer output by the staff of FAO. IDRC wishes to express its thanks for the cooperation it has always received from the FAO staff, as well as its interest to continue the fruitful cooperation with FAO in the development of AGRIS.

John E. Woolston
Vice-President
Information Programs
International Development
Research Centre

Avant-propos

Le système d'information pour les sciences et la technologie agricoles, AGRIS, est géré par l'Organisation des Nations Unies pour l'agriculture et l'alimentation (FAO), en collaboration avec les centres nationaux et régionaux cités aux pages 62 à 65 de la présente publication.

L'information entrée dans AGRIS est fournie par les centres participants et par la FAO qui soumet, en plus de ses propres enregistrements, ceux d'un certain nombre d'agences internationales. Chaque enregistrement décrit un document; en 1982, le fichier d'AGRIS a augmenté de 130 829 enregistrements. Le système AGRIS est automatisé, et le fichier complet (base de données) est à la disposition de chaque centre participant, sous forme de bande magnétique. La FAO gère cette base de données, et publie également *Agrindex*, à titre de service de signalisation courante. *Agrindex* est publié chaque mois, par photocomposition, à partir des enregistrements nouvellement reçus et mis en mémoire.

La langue véhiculaire d'AGRIS est l'anglais, et l'analyse documentaire se fait dans cette langue exclusivement. Le système accepte cependant des documents écrits dans d'autres langues : le titre du document est alors traduit en anglais. Cette situation pourrait évoluer assez rapidement, car la FAO vient d'adopter le thésaurus multilingue *AGROVOC*, pour l'indexation des enregistrements destinés à AGRIS, et encourage tous les centres participants à s'en servir. Cependant, la bibliographie rétrospective présentée ici a été compilée du fichier AGRIS existant, et respecte par conséquent les règles établies par la FAO en matière de langue d'analyse.

AGRIS a commencé officiellement au début de 1975, et le premier numéro d'*Agrindex* a été publié en janvier de la même année. Les notices figurant dans les premiers numéros d'*Agrindex* avaient donc été préparées en 1974. Nous avons choisi d'indiquer dans le titre de la présente bibliographie les dates correspondant à la parution des notices dans *Agrindex*, c'est à dire 1975 à 1982; les documents auxquels ces notices se réfèrent ont été publiés pour la plupart entre 1974 et 1981.

Le Centre de recherches pour le développement international (CRDI) s'est associé au développement d'AGRIS depuis ses débuts. Il a détaché du personnel au moment de la conception du système, et a collaboré avec la FAO à l'organisation de réunions cherchant à assurer que le système tiendrait compte des besoins des pays en développement. Le CRDI a également fourni une assistance financière et technique à plusieurs des centres nationaux et régionaux qui participent maintenant activement à AGRIS.

Le CRDI collabore également à titre de centre participant, soumettant à la FAO des enregistrements se rapportant à ses propres publications dans les domaines couverts par AGRIS (agriculture, foresterie, sciences alimentaires et développement rural). Ces publications représentent la majorité des notices figurant dans la bibliographie que voici.

Cette bibliographie a été produite au moyen d'une recherche portant sur l'ensemble du fichier AGRIS, afin de récupérer tous les enregistrements où figuraient le nom entier ou le sigle du CRDI, soit en anglais, français ou espagnol. Elle contient donc également des notices de documents publiés ailleurs, mais dont l'auteur est attaché au CRDI, ou qui résultent d'un projet de recherche subventionné par le CRDI.

Il serait erroné de croire que cette bibliographie couvre l'ensemble des documents produits dans le cadre des recherches subventionnées par le CRDI. En effet, pour figurer dans cette bibliographie, un document doit avoir été signalé par le centre national du pays où il a été produit, et contenir une mention d'un lien avec le CRDI. Et, bien qu'AGRIS ait fait des pas considérables vers une couverture compréhensive de la production documentaire mondiale en matière d'agriculture, ce but n'a pas encore été atteint complètement.

Le lecteur peut obtenir un document cité dans la présente publication en s'adressant au CRDI lorsque ce document n'est pas disponible auprès de la bibliothèque qu'il consulte habituellement. En général, le CRDI distribue les documents demandés sous forme de microfiches, qui sont offertes gratuitement aux institutions et aux chercheurs dans les pays en développement. Les autres utilisateurs peuvent obtenir des microfiches à 1 \$Can l'unité. Dans certains cas, les documents originaux ou des photocopies sont disponibles sur demande. Le lecteur est prié d'adresser ses requêtes à la Division des sciences de l'information, en indiquant, en plus du titre figurant en caractères gras, le numéro de référence de la notice (RN).

Cette bibliographie a été préparée, à partir d'une sortie d'ordinateur photocomposée, par le personnel de la FAO. Le CRDI tient à exprimer sa reconnaissance de la collaboration que lui a toujours apportée le personnel de la FAO, et son souhait de voir se continuer cette coopération fructueuse avec la FAO en vue du développement d'AGRIS.

John E. Woolston
Vice-président
Programmes d'information
Centre de recherches
pour le développement international

Prólogo

AGRIS es el Sistema Internacional de Información para Ciencias y Técnicas Agrícolas; es administrado por la Organización de las Naciones Unidas para la Agricultura y la Alimentación (FAO) en cooperación con los centros nacionales y regionales que aparecen listados en las páginas 62-65 de esta publicación.

La información registrada en AGRIS es aquella entregada por los centros participantes y por FAO actuando por sí misma y por otras agencias internacionales. Cada ítem de información es la descripción de un documento y, en 1982, un total de 130 829 fueron agregados al archivo. AGRIS es un sistema computarizado y la totalidad del archivo (base de datos) se encuentra disponible en cinta magnética a los centros participantes. FAO mantiene esta base de datos y publica *Agrindex*, servicio de información mensual actualizado que incorpora los nuevos ítems entregados a AGRIS y que se produce por fotocomposición de los datos computarizados.

El idioma oficial de AGRIS es el inglés. Por lo tanto, a pesar de que el sistema está abierto a información concerniente a documentos cualquiera sea su idioma original, los títulos son traducidos al inglés y su correspondiente indización se basa en este idioma. Esta situación puede variar en un futuro próximo, ya que FAO ha adoptado una tesauro multilingüe para la indización de AGRIS, llamado *AGROVOC* y cuyo uso se recomienda a los países participantes. Sin embargo, la bibliografía retrospectiva aquí presentada ha sido recopilada de los archivos de AGRIS actualmente en existencia y sigue, por lo tanto, las reglas idiomáticas establecidas por FAO.

AGRIS fue oficialmente establecido a comienzos de 1975 y el primer ejemplar de *Agrindex* apareció en Enero del mismo año, aunque los registros allí publicados fueron preparados en 1974. Para el título de esta publicación hemos elegido las fechas de aparición de los ítems en *Agrindex*, es decir 1975-1982, pero, de acuerdo a la realidad, los documentos fueron originalmente publicados durante el periodo 1974-1981.

El Centro Internacional de Investigaciones para el Desarrollo (CIID) ha estado asociado con la evolución de AGRIS desde sus primeros comienzos. Contribuyó con aporte intelectual durante la fase de diseño y co-auspició reuniones con FAO para asegurar que las necesidades de los países en desarrollo fueran reflejadas en el diseño. El CIID otorgó ayuda financiera y profesional a varios de los centros regionales y nacionales que en este momento participan activamente en el sistema.

El CIID mismo ha actuado como participante en el sistema, registrando, a través de FAO, sus propias publicaciones que entran en el ámbito de AGRIS (agricultura, ciencias forestales, pesca, ciencias de la alimentación y desarrollo rural). Estas publicaciones representan la mayoría de los ítems contenidos en esta bibliografía.

Sin embargo, la preparación de esta bibliografía fue basada en la búsqueda de documentos que en cualquier elemento de información contuvieran el nombre "International Development Research Centre" o el acrónimo "IDRC" o sus equivalentes en español y francés. En consecuencia, esta búsqueda incluyó también en sus resultados documentos publicados fuera del Centro, como por ejemplo, un documento en el cual el CIID apareció como la afiliación de su autor. También fueron incluidos registros correspondientes a documentos que, según la información entregada a AGRIS, indicaban haber sido copublicados por CIID o producidos como resultado de un trabajo financiado por CIID.

Sería erróneo considerar ésta una bibliografía completa de todo el trabajo en el sector agrícola auspiciado por CIID. Cualquier documento que pudiera haber sido producido como resultado de las actividades del Centro aparecerá aquí siempre y cuando él haya sido registrado en AGRIS por el centro nacional en el país de origen (y si el registro preparado por el

centro nacional indica alguna relación con CIID). Además, a pesar de que AGRIS ha logrado cubrir una amplia extensión de los nuevos documentos en materia agrícola en el mundo, un largo camino queda aún por recorrer.

Los documentos citados en esta publicación pueden ser obtenidos del CIID si ellos no se encuentran disponibles en la biblioteca del lector. Microfichas son enviadas sin costo alguno a instituciones e investigadores de países en desarrollo. Otros usuarios pueden obtenerlas al precio de \$1 (canadiense) cada una. En ciertos casos, ejemplares impresos o fotocopias están disponibles a pedido del usuario. Se ruega que, al solicitar documentos a la División de Ciencias de la Información de CIID, se indique el número sucesivo de referencia (RN), como también el título, en letra de imprenta.

Esta bibliografía fue preparada por personal de FAO como producto computarizado de fotocomposición. El CIID desea agradecer la colaboración que siempre ha recibido de parte del personal de FAO, como así también expresar su interés en continuar la fructífera cooperación con FAO en el desarrollo de AGRIS.

John E. Woolston,
Vice-Presidente
Programas de Información
Centro Internacional de
Investigaciones para el Desarrollo

Typical Entries

In this publication, entries are ordered in the Bibliography according to the sequential reference number (RN) originally assigned by the AGRIS Coordinating Centre. The description of data elements is as shown on the following page. To facilitate consultation by French- and Spanish-speaking users, an explanation of the sequence of data elements of which the entries are composed appears in French and Spanish as well as in English.

Dans cette publication, les notices sont classées dans la Bibliographie selon le numéro de référence séquentiel (RN) attribué par le Centre de coordination AGRIS. La description des éléments d'information de chaque notice est donnée dans la liste de la page suivante. Pour faciliter la consultation aux lecteurs de langue française ou espagnole, l'explication de la suite des éléments d'information que comportent les notices est traduite de l'anglais vers le français et l'espagnol.

En esta publicación, los asientos que figuran en la Bibliografía siguen un número de referencia por secuencias (RN), atribuido por el Centro de Coordinación del AGRIS. La descripción de los elementos de datos es la que se indica a continuación. Para facilitar las consultas a los usuarios de lengua francesa y española, se da en francés y en español, después del inglés, una explicación de la secuencia de los elementos informativos de que se componen los asientos.

TYPICAL ENTRIES

- 1 144257 Characterization studies of cassava mosaic agents Nigeria. (En).
 Peterson, J.F.; Yang, A.F. (Macdonald College, Ste. Anne de
 2 Bellevue (Canada) Plant Pathology Dept.).
 Nestel, B. (ed.). International Development Research Centre, Ottawa
 3 (Canada); International Institute of Tropical Agriculture, Ibadan (Nigeria).
 4 African cassava mosaic. Report of an Interdisciplinary Workshop. IDRC -
 071e. ISBN 0-88936-096-0. Ottawa (Canada). IDRC. 1976. p. 17-26. *IDRC,
 Ottawa (Canada), also in microfiche. 15 ref. 9

- 5 103082 [World documentation center on cassava in Colombia]. (Es).
 Centro mundial de documentacion sobre yuca en Colombia.
 6 Amaya P. S. *CIID Informa (Colombia)*. Centro Internacional de
 Investigaciones para el Desarrollo. (Jan 1976). v. 4(4) p. 7-9. 10
11

- 7 118939 Food [world production and consumption]. (En).
 Herrera, A.O.; Scolnik, H.D.; Chichilnisky, G.; Gallopin, G.C.;
 Hardoy, J.E.; Mosovich, D.; Oteiza, E.; Romero Brest, G.L. de; Suarez,
 C.E.; Talavera, L. Fundacion Bariloche, Buenos Aires (Argentina);
 International Development Research Centre, Ottawa (Canada). Catastrophe
 or new society? A Latin American World Model. IDRC-064e. ISBN 0-
 88936-083-9. Ottawa (Canada). IDRC. 1976. p. 55-69. 5 diagrams, 3
 graphs, table. *IDRC, Ottawa (Canada), also in microfiche. 12
13

- 8 153275 The cost effectiveness of information services in agriculture.
 Working Paper no. 2. (En). Broadbent, K.P. International
 Development Research Centre, Ottawa (Canada). Ottawa (Canada). 1977.
 19 p. 7 ref. Summary (En). Appendices. *AIBA. [Seminar on Agricultural
 Information Systems. Serdang, Selangor (Malaysia) 28 Jan 1977]. 14

1	Reference number (RN) Numéro de référence (RN) Número de referencia (RN)	A six-digit computer-assigned number, in boldface, at the beginning of each entry.	Un nombre de six chiffres déterminé par l'ordinateur, en caractères gras, au début de chaque notice.	Un número de seis dígitos asignado por el ordenador, en negrilla, al principio de cada asiento.
2	Author Auteur Autor	The name(s) of all authors contributing to the entry.	Le nom (ou les noms) de tous les auteurs contribuant au(x) texte(s).	El nombre o nombres de todos los autores que han contribuido en el asiento.
3	Author affiliation Organisme dont dépend l'auteur Afilación del autor	Name and location of organization, in parentheses.	Nom et adresse de l'organisation, entre parenthèses.	Nombre y lugar de la organización, entre paréntesis.
4	Corporate author Collectivité auteur Autor corporativo	Name and location of organization.	Nom et adresse de l'organisation.	Nombre y lugar de la organización.
5	Primary title Titre primaire Título primario	English title of document, in boldface, translated where necessary.	Titre anglais du document, en caractères gras, traduit le cas échéant.	Título inglés del documento, en negrilla, traducido cuando proceda.
6	Original title Titre original Título original	Transliterated in accordance with AGRIS rules if necessary.	Translitéré le cas échéant conformément aux normes d'AGRIS.	Transcrito de acuerdo con las normas de AGRIS si es necesario.
7	Language Langue Idioma	Language of source document. (for codes see next page)	Langue du document original (pour les indicatifs, voir page suivante)	Idioma del documento original (para las abreviaturas véase la página siguiente)
8	Note Note Nota	Any additional information relevant to the document described.	Toute information complémentaire concernant le document.	Toda información adicional pertinente a lo descrito.
9	Collation Collation Colación	Physical extent of piece of literature, including volume number, issue number and pagination.	Longueur du texte, avec indication du volume, du numéro de la livraison et pagination.	Extensión física de la obra, incluyendo el volumen, número de ejemplar y número de páginas.
10	Serial title Titre de la publication en série Título de la revista	In italics, standardized in accordance with AGRIS rules.	En italiques, conformément aux normes d'AGRIS.	En letra bastardilla, normalizada de acuerdo con las normas de AGRIS.
11	Imprint Adresse bibliographique Pie de imprenta	Place of publication, name of publisher, and date of publication.	Lieu de publication, nom de l'éditeur et date.	Lugar de publicación, nombre del editor y fecha de publicación.
12	Report or patent number Numéro de rapport ou brevet Número del informe o patente	Number assigned by originating organization.	Numéro assigné par l'organisation d'origine du document.	Número asignado por la organización de donde procede.
13	Availability Où se procurer les textes visés Disponibilidad	Address or code of contributing centre from which nonconventional documents can be obtained (see Centres Participating in AGRIS given on pages 62-65).	Pour les documents qui ne sont pas distribués par les voies normales, adresse ou numéro de code du centre participant auprès duquel il est possible de se les procurer (voir la liste des Centres participant à AGRIS donnée aux pages 62 à 65).	Dirección o código del centro contribuyente del que pueden obtenerse documentos no convencionales (véase la lista de Centros que participan en AGRIS en las páginas 62-65).
14	Conference title, place and date Dénomination, lieu et date de la conférence Título, lugar y fecha de la conferencia	Cited for literature presented at a conference shown in square brackets.	Indications entre crochets pour les textes présentés à une conférence.	Citado cuando un documento fué presentado en una congerencia y que figura entre corchetes.



BIBLIOGRAPHY

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006058 Production and export control in Thailand and the marketing in Europe of tapioca pellets. (En). Mathot, P.J. (Cehave n.v., Veghel (Netherlands). Research and Development Dept.). IDRC-031e. Araullo, E.V.; Nestel, B.; Campbell, M. (eds.). International Development Research Centre, Ottawa (Canada). Cassava processing and storage. Proceedings of an interdisciplinary workshop. ISBN 0088936036. Ottawa (Canada). IDRC. 1974. p. 27-42. Also in microfiche. Summary (En, Fr). *IDRC, Ottawa (Canada).

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006060 Problems of the Thai tapioca trade. (En). Tulananda, D. (Bangkok Bank Ltd. (Thailand)). IDRC-031e. Araullo, E.V.; Nestel, B.; Campbell, M. (eds.). International Development Research Centre, Ottawa (Canada). Cassava processing and storage. Proceedings of an interdisciplinary workshop. ISBN 0088936036. Ottawa (Canada). IDRC. 1974. p. 51-57. Also in microfiche. Tables Summary (En, Fr). *IDRC, Ottawa (Canada).

006112 Food crop research for the semi-arid tropics. (En). Brandreth, M. International Development Research Centre, Ottawa (Canada). IDRC-026e. Ottawa (Canada). IDRC. 1974. 16 p. Also in microfiche. Summary (En, Fr). *IDRC, Ottawa (Canada). [Workshop on the Physiology and Biochemistry of Drought Resistance and its Application to Breeding Productive Plant Varieties. Saskatoon (Canada). 22 Mar 1973.]

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Proceedings of an interdisciplinary workshop. ISBN 0088936036. Ottawa (Canada). IDRC. 1974. p. 63-71. Also in microfiche. Tables. 18 ref. Summary (En, Fr). *IDRC, Ottawa (Canada).

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PERSONAL AUTHOR INDEX

- A**
- Abdel Hafeez, A.T. 197281
 Abdilahi, M. 304474
 Abidin bin Ahmad, Z. 074619
 Abraham, S. 200749, 301162
 Abu-Shakra, S. 434697
 Adegbola, A.A. 303420, 588950
 Adeniran, M.O. 197277
 Adeyanju, S.A. 588950
 Agboola, A.A. 197052, 298941
 Ahluwalia, R. 564267
 Al-Jibouri, H.A. 434668
 Albuquerque, M.D. 300622
 Albuquerque, M.D. 200206
 Alderman, G. 508129
 Alexander, J.C. 303465, 541651
 Alexandrou, G. 434694
 Allen, D.J. 200717
 Allsopp, W.H. 405175, 440905
 Alves de Almeida, P. 515156
 Amare G. 468913
 Amaya P. S. 103082
 Amaya, S. 546409
 Amirshahi, M.C. 434669
 Amoroso, E.C. 405342
 Anan Lertrat 399068
 Anderson, R.G. 006417
 Aphiphan Pookpakdi 527739, 527759, 530297
 Aran Patanothai 398981
 Araullo, E.V. 006058, 006059, 006060, 006174, 006175, 006176, 006177, 008111, 008161, 008162, 008163, 008164, 011026, 110401
 Arene, O.B. 401333
 Arias, C. 076025
 Arze B. J. 684099
 Asher, C.J. 198861
 Assoku, R.K.G. 478282
 Atihwal, D.S. 008521
 Atit Vibulchai 324888, 324897, 324898
 Atlee, C.B. 594656
 Atta, S.M. 434670
 Avalos, B. 751755
 Averre, C.W. 195865, 296595
 Azi, F.A. 203763, 303395, 306138
- B**
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 Balch, C.C. 507881, 507882, 507903, 507904, 507908, 508003, 508129, 508130, 508131, 508133, 508134, 508135, 520394, 541656, 553943
 Baldos, D.P. 076027
 Bang, S. 074626
 Barbet, A.F. 478240
 Barghouti, S. 434671
 Barnes, R.F. 507904
 Barnett, A. 398164
 Barry, J.D. 478241
 Bartlett, C.D.S. 197181
 Basler, F. 434672
 BatSIMBA, J. 401334
 Beall, H.W. 301990, 401800, 413895
 Bellotti, A.C. 200207, 300623, 597712
 Bellotti, C. 185185
 Beltran S. L.R. 194686
 Beltran, L.R. 081175
 Bene, J.G. 301990, 401800, 413895
 Bennett, F.D. 200210, 300627
 Bennett, M.D. 006418
 Beya, K. 187389
 Bhattacharyulu, Y. 304502
 Bhogal, M.S. 478286
 Bibeau, G. 451315
 Billingsley, L.W. 299205, 299206, 306506, 306507, 306508, 306515, 306517, 306747, 306890
 Blakely, M.E. 511872
 Bock, K.R. 144252, 200746, 301157
 Boer, J. de 297230
 Boonchop Intawong 324888, 324897, 324898
 Boonsue, B. 076026
 Booth, R. 185185
 Booth, R.H. 008161
 Boreham, P.F.L. 478243
 Borges de Carvalho, J.E. 598025
 Boudoux, P. 207998, 306748
 Bouslama, M. 434673, 434674
 Bozzini, A. 434668
 Braham, J.E. 433182, 438986, 439173, 439216, 439216, 439325, 439327, 439328, 439344, 439387, 439388, 439390, 441708
 Brandreth, M. 006112
 Breninkmeijer, C. 508130
 Bressani, R. 299205, 306747, 433182, 438986, 439173, 439216, 439325, 439327, 439328, 439344, 439344, 439387, 439388, 439388, 439390, 441708, 511905
 Broadbent, K.P. 153275, 564743
 Brujin, G.H. 195860
 Brujin, G.H. de 298247
 Buganza, M.H. 451315
 Bullard, R.W. 511869
 Burgos, C. F. 595707
 Butler, L.G. 511870, 511871
- C**
- C Saenghiran 324896
 Cabezas, M.T. 438986
 Cadavid, L.F. 197045, 298938
 Caivo, F.A. 197045, 298938
 Camacho, C. 203265, 303067
 Campbell, M. 006058, 006059, 006060, 006146, 006147, 006148, 006149, 006174, 006175, 006176, 006177, 006401, 006417, 006418, 006419, 006420, 006421, 006422, 006423, 006424, 006425, 006426, 006427, 006428, 006429, 006430, 006431, 006432, 006433, 006434, 006435, 006436, 006437, 006438, 006439, 006440, 006693, 007061, 007062, 007485, 008161, 008162, 008163, 008164, 008356, 009209, 008289, 074555, 074619, 074626, 074633, 074646, 074662, 074674, 074690, 074691, 074692, 074696, 074697, 196431, 197181, 197187, 197195, 197196, 197204, 197206, 197207, 197217, 197218, 197222, 197223, 197224, 197225, 197226, 197227, 197231, 197232, 197241, 197256, 197259, 197272, 197273, 197277, 197281, 197434, 197722, 199950, 200204, 200717, 200729, 304037, 304357, 304358, 304474, 304476, 304478, 304490, 304495, 304497, 304502, 304506, 304511, 304518, 304521, 304524, 304528, 304530, 304536, 304537, 304540, 304547, 304556, 304578, 304594, 305313, 305314, 305315, 305316, 305317, 305318, 305319, 305320, 305321, 305322, 305323, 305324, 305325, 305326, 305327, 305328, 305329, 305330, 305331, 305332, 305333, 305334, 305335, 305336, 305337, 305338, 305339, 305340, 305341, 305342, 305343, 305344, 305345, 305346, 305347, 305348, 305349, 305350, 305351, 305352, 305353, 305354, 305355, 305356, 305357, 305358, 305359, 305360, 305361, 305362, 305363, 305364, 305365, 305366, 305367, 305368, 305369, 305370, 305371, 305372, 305373, 305374, 305375, 305376, 305377, 305378, 305379, 305380, 305381, 305382, 305383, 305384, 305385, 305386, 305387, 305388, 305389, 305390, 305391, 305392, 305393, 305394, 305395, 305396, 305397, 305398, 305399, 305400, 305401, 305402, 305403, 305404, 305405, 305406, 305407, 305408, 305409, 305410, 305411, 305412, 305413, 305414, 305415, 305416, 305417, 305418, 305419, 305420, 305421, 305422, 305423, 305424, 305425, 305426, 305427, 305428, 305429, 305430, 305431, 305432, 305433, 305434, 305435, 305436, 305437, 305438, 305439, 305440, 305441, 305442, 305443, 305444, 305445, 305446, 305447, 305448, 305449, 305450, 305451, 305452, 305453, 305454, 305455, 305456, 305457, 305458, 305459, 305460, 305461, 305462, 305463, 305464, 305465, 305466, 305467, 305468, 305469, 305470, 305471, 305472, 305473, 305474, 305475, 305476, 305477, 305478, 305479, 305480, 305481, 305482, 305483, 305484, 305485, 305486, 305487, 305488, 305489, 305490, 305491, 305492, 305493, 305494, 305495, 305496, 305497, 305498, 305499, 305500, 305501, 305502, 305503, 305504, 305505, 305506, 305507, 305508, 305509, 305510, 305511, 305512, 305513, 305514, 305515, 305516, 305517, 305518, 305519, 305520, 305521, 305522, 305523, 305524, 305525, 305526, 305527, 305528, 305529, 305530, 305531, 305532, 305533, 305534, 305535, 305536, 305537, 305538, 305539, 305540, 305541, 305542, 305543, 305544, 305545, 305546, 305547, 305548, 305549, 305550, 305551, 305552, 305553, 305554, 305555, 305556, 305557, 305558, 305559, 305560, 305561, 305562, 305563, 305564, 305565, 305566, 305567, 305568, 305569, 305570, 305571, 305572, 305573, 305574, 305575, 305576, 305577, 305578, 305579, 305580, 305581, 305582, 305583, 305584, 305585, 305586, 305587, 305588, 305589, 305590, 305591, 305592, 305593, 305594, 305595, 305596, 305597, 305598, 305599, 305600, 305601, 305602, 305603, 305604, 305605, 305606, 305607, 305608, 305609, 305610, 305611, 305612, 305613, 305614, 305615, 305616, 305617, 305618, 305619, 305620, 305621, 305622, 305623, 305624, 305625, 305626, 305627, 305628, 305629, 305630, 305631, 305632, 305633, 305634, 305635, 305636, 305637, 305638, 305639, 305640, 305641, 305642, 305643, 305644, 305645, 305646, 305647, 305648, 305649, 305650, 305651, 305652, 305653, 305654, 305655, 305656, 305657, 305658, 305659, 305660, 305661, 305662, 305663, 305664, 305665, 305666, 305667, 305668, 305669, 305670, 305671, 305672, 305673, 305674, 305675, 305676, 305677, 305678, 305679, 305680, 305681, 305682, 305683, 305684, 305685, 305686, 305687, 305688, 305689, 305690, 305691, 305692, 305693, 305694, 305695, 305696, 305697, 305698, 305699, 305700, 305701, 305702, 305703, 305704, 305705, 305706, 305707, 305708, 305709, 305710, 305711, 305712, 305713, 305714, 305715, 305716, 305717, 305718, 305719, 305720, 305721, 305722, 305723, 305724, 305725, 305726, 305727, 305728, 305729, 305730, 305731, 305732, 305733, 305734, 305735, 305736, 305737, 305738, 305739, 305740, 305741, 305742, 305743, 305744, 305745, 305746, 305747, 305748, 305749, 305750, 305751, 305752, 305753, 305754, 305755, 305756, 305757, 305758, 305759, 305760, 305761, 305762, 305763, 305764, 305765, 305766, 305767, 305768, 305769, 305770, 305771, 305772, 305773, 305774, 305775, 305776, 305777, 305778, 305779, 305780, 305781, 305782, 305783, 305784, 305785, 305786, 305787, 305788, 305789, 305790, 305791, 305792, 305793, 305794, 305795, 305796, 305797, 305798, 305799, 305800, 305801, 305802, 305803, 305804, 305805, 305806, 305807, 305808, 305809, 305810, 305811, 305812, 305813, 305814, 305815, 305816, 305817, 305818, 305819, 305820, 305821, 305822, 305823, 305824, 305825, 305826, 305827, 305828, 305829, 305830, 305831, 305832, 305833, 305834, 305835, 305836, 305837, 305838, 305839, 305840, 305841, 305842, 305843, 305844, 305845, 305846, 305847, 305848, 305849, 305850, 305851, 305852, 305853, 305854, 305855, 305856, 305857, 305858, 305859, 305860, 305861, 305862, 305863, 305864, 305865, 305866, 305867, 305868, 305869, 305870, 305871, 305872, 305873, 305874, 305875, 305876, 305877, 305878, 305879, 305880, 305881, 305882, 305883, 305884, 305885, 305886, 305887, 305888, 305889, 305890, 305891, 305892, 305893, 305894, 305895, 305896, 305897, 305898, 305899, 305900, 305901, 305902, 305903, 305904, 305905, 305906, 305907, 305908, 305909, 305910, 305911, 305912, 305913, 305914, 305915, 305916, 305917, 305918, 305919, 305920, 305921, 305922, 305923, 305924, 305925, 305926, 305927, 305928, 305929, 305930, 305931, 305932, 305933, 305934, 305935, 305936, 305937, 305938, 305939, 305940, 305941, 305942, 305943, 305944, 305945, 305946, 305947, 305948, 305949, 305950, 305951, 305952, 305953, 305954, 305955, 305956, 305957, 305958, 305959, 305960, 305961, 305962, 305963, 305964, 305965, 305966, 305967, 305968, 305969, 305970, 305971, 305972, 305973, 305974, 305975, 305976, 305977, 305978, 305979, 305980, 305981, 305982, 305983, 305984, 305985, 305986, 305987, 305988, 305989, 305990, 305991, 305992, 305993, 305994, 305995, 305996, 305997, 305998, 305999, 306000, 306001, 306002, 306003, 306004, 306005, 306006, 306007, 306008, 306009, 306010, 306011, 306012, 306013, 306014, 306015, 306016, 306017, 306018, 306019, 306020, 306021, 306022, 306023, 306024, 306025, 306026, 306027, 306028, 306029, 306030, 306031, 306032, 306033, 306034, 306035, 306036, 306037, 306038, 306039, 306040, 306041, 306042, 306043, 306044, 306045, 306046, 306047, 306048, 306049, 306050, 306051, 306052, 306053, 306054, 306055, 306056, 306057, 306058, 306059, 306060, 306061, 306062, 306063, 306064, 306065, 306066, 306067, 306068, 306069, 306070, 306071, 306072, 306073, 306074, 306075, 306076, 306077, 306078, 306079, 306080, 306081, 306082, 306083, 306084, 306085, 306086, 306087, 306088, 306089, 306090, 306091, 306092, 306093, 306094, 306095, 306096, 306097, 306098, 306099, 306100, 306101, 306102, 306103, 306104, 306105, 306106, 306107, 306108, 306109, 306110, 306111, 306112, 306113, 306114, 306115, 306116, 306117, 306118, 306119, 306120, 306121, 306122, 306123, 306124, 306125, 306126, 306127, 306128, 306129, 306130, 306131, 306132, 306133, 306134, 306135, 306136, 306137, 306138, 306139, 306140, 306141, 306142, 306143, 306144, 306145, 306146, 306147, 306148, 306149, 306150, 306151, 306152, 306153, 306154, 306155, 306156, 306157, 306158, 306159, 306160, 306161, 306162, 306163, 306164, 306165, 306166, 306167, 306168, 306169, 306170, 306171, 306172, 306173, 306174, 306175, 306176, 306177, 306178, 306179, 306180, 306181, 306182, 306183, 306184, 306185, 306186, 306187, 306188, 306189, 306190, 306191, 306192, 306193, 306194, 306195, 306196, 306197, 306198, 306199, 306200, 306201, 306202, 306203, 306204, 306205, 306206, 306207, 306208, 306209, 306210, 306211, 306212, 306213, 306214, 306215, 306216, 306217, 306218, 306219, 306220, 306221, 306222, 306223, 306224, 306225, 306226, 306227, 306228, 306229, 306230, 306231, 306232, 306233, 306234, 306235, 306236, 306237, 306238, 306239, 306240, 306241, 306242, 306243, 306244, 306245, 306246, 306247, 306248, 306249, 306250, 306251, 306252, 306253, 306254, 306255, 306256, 306257, 306258, 306259, 306260, 306261, 306262, 306263, 306264, 306265, 306266, 306267, 306268, 306269, 306270, 306271, 306272, 306273, 306274, 306275, 306276, 306277, 306278, 306279, 306280, 306281, 306282, 306283, 306284, 306285, 306286, 306287, 306288, 306289, 306290, 306291, 306292, 306293, 306294, 306295, 306296, 306297, 306298, 306299, 306300, 306301, 306302, 306303, 306304, 306305, 306306, 306307, 306308, 306309, 306310, 306311, 306312, 306313, 306314, 306315, 306316, 306317, 306318, 306319, 306320, 306321, 306322, 306323, 306324, 306325, 306326, 306327, 306328, 306329, 306330, 306331, 306332, 306333, 306334, 306335, 306336, 306337, 306338, 306339, 306340, 306341, 306342, 306343, 306344, 306345, 306346, 306347, 306348, 306349, 306350, 306351, 306352, 306353, 306354, 306355, 306356, 306357, 306358, 306359, 306360, 306361, 306362, 306363, 306364, 306365, 306366, 306367, 306368, 306369, 306370, 306371, 306372, 306373, 306374, 306375, 306376, 306377, 306378, 306379, 306380, 306381, 306382, 306383, 306384, 306385, 306386, 306387, 306388, 306389, 306390, 306391, 306392, 306393, 306394, 306395, 306396, 306397, 306398, 306399, 306400, 306401, 306402, 306403, 306404, 306405, 306406, 306407, 306408, 306409, 306410, 306411, 306412, 306413, 306414, 306415, 306416, 306417, 306418, 306419, 306420, 306421, 306422, 306423, 306424, 306425, 306426, 306427, 306428, 306429, 306430, 306431, 306432, 306433, 306434, 306435, 306436, 306437, 306438, 306439, 306440, 3

PERSONAL AUTHOR INDEX

Freigoun, S.O. 434717
Fu Alvarez, G. 547157
Fuentes Fuentes, S. 007061
Fumagalli, A. 076031

G

Gallopin, G.C. 118939
Gamborg, O.L. 077534, 144253
Gebrekidan, B. 197241
Geh, S.L. 076028
Gentry, P.W. 521704
Gerard, B.M. 197224
Gerard, M. 207998
Gibson, D. 434677
Gill, B.S. 304502
Gladjinson, S. 401337
Gomez, A.A. 008788
Gomez, G. 203265, 203763, 303429
Gomez, G.G. 303067, 303422
Graham, M. 110401, 194201, 194481, 194669, 195855, 195860, 195861, 195863, 195865, 196642, 197045, 197046, 197047, 197051, 197052, 197276, 197623, 197737, 197738, 197739, 197745, 197747, 197748, 197749, 197750, 198856, 198861, 198862, 198865, 199432, 199433, 200206, 200207, 200208, 200210, 200746, 200747, 200748, 200749, 200750, 200751, 200752, 200753, 200754, 201480, 203265, 203266, 203267, 203268, 203269, 203763, 203837, 206865, 207577, 207579, 207998, 207999, 208521, 208525, 296595, 297230, 297231, 298065, 298242, 298243, 298244, 298247, 298249, 298251, 298252, 298253, 298256, 298728, 298938, 298939, 298940, 298941, 299032, 299082, 299153, 299214, 299216, 299217, 299218, 299220, 299222, 299799, 300069, 300071, 300622, 300623, 300625, 300626, 300627, 301157, 301161, 301162, 301163, 301167, 301168, 301172, 303066, 303067, 303068, 303070, 303260, 303319, 303349, 303395, 303399, 303420, 303421, 303422, 303423, 303424, 303425, 303426, 303427, 303428, 303429, 303465, 305860, 306138, 306139, 306469, 306748, 306749, 320400, 323113, 325159, 350707, 441626, 458269, 507881, 507882, 507902, 507904, 507908, 508003, 508129, 508130, 508131, 508133, 508134, 508135, 520394, 541656, 553943, 561939, 594643, 594646, 594647, 594648, 594650, 594653, 594654, 594656, 595146, 595450, 595451, 595707, 595708, 595709, 595786, 597712, 598025, 598028
Green, J.M. 299206
Gregory, J. 558665
Gregory, K.F. 203763, 303394, 306138, 541651
Gregory, R.S. 006420
Gumbs, F.A. 196642, 298728
Gupta, R.K. 511944
Gustafson, J.P. 006421
Guthrie, E.J. 144252, 200746, 301157
Gutierrez, G. 546409

H

Hachemi, L. 434687
Haddad, W. 751755
Haendler, H. 507903
Hagerman, A. E. 511870
Hahn, S.K. 187390, 187391, 401338
Hajduk, S.L. 478241
Hallab, A.H. 434697
Hamawi, F.M. 434678
Hanounik, S.B. 434679
Hanson, A. 207998
Hardy, J.E. 118939

Hariri, G. 434722
Harris, H.C. 434680
Hart, R.D. 503520
Hart, T.G. 197225
Harvey, B.J. 477410
Hasan, S.M. 790747
Haslam, E. 511944
Hassan, M.N. 008581
Hawtin, G.C. 299206, 434667, 434668, 434669, 434670, 434671, 434672, 434673, 434674, 434675, 434676, 434677, 434678, 434679, 434680, 434681, 434682, 434683, 434684, 434685, 434686, 434687, 434688, 434689, 434690, 434691, 434692, 434693, 434694, 434695, 434696, 434697, 434698, 434699, 434716, 434717, 434718, 434721, 434722, 434723, 434748, 434749, 445071
Heaney, D.P. 508003
Heindl, L.A. 089695
Henry, P.M. 254400
Henson, J.B. 304037, 304037, 304357, 304358, 304474, 304476, 304478, 304490, 304495, 304497, 304502, 304506, 304511, 304518, 304521, 304524, 304528, 304530, 304536, 304537, 304540, 304547, 304556, 304578, 304594
Herrera, A.O. 118939
Hew, V.F. 203266, 303068
Heys, G. 401339
Hibler, M. 491123, 546409
Hill, D.C. 303399
Hill, R.D. 006693
Hillel, D. 398311
Hirumi, H. 478240, 478249
Hoar, W.S. 477410
Hockmeyer, W.T. 478286
Hofstedt, L. 304506
Holmes, E.B. 198862, 298249
Hooshmand-Rad, P. 304594
Hopper, W.D. 006422, 036298, 059015, 276427, 297475
Howeler, R. 197047, 298940
Howeler, R. H.(Centro Internacional de Agricultura Tropical 595708
Howeler, R.H. 197045, 298938, 595146, 595451
Howland, A.K. 186293, 401338
Hrishi, N. 006176, 076032, 197046, 503519
Hulse, J.H. 010937, 299205, 299206, 306506, 306507, 306508, 306515, 306517, 306517, 306747, 306890, 408338, 511861, 511869, 511870, 511871, 511872, 511905, 511944, 777102
Hussein, M.M. 434717
Hutagalung, R.I. 203266, 203267, 303068, 303260, 303423
Huxley, P.A. 197195

I

Ibrahim, A.A. 434682, 434718, 434748
Ikotun, T. 401340
Isaza Velez, G. 194686
Islam, R. 434683
Jana, R.K. 197256
Janssen, J. 795917
Jarquin, R. 439173
Jeffers, J.P.W. 208865, 298256
Jenni, L. 487929
Jennings, D.L. 144254, 144260
Jowaman Khajorenn 324886, 324894, 324895, 324897, 324898, 447899, 447900, 447905, 447906, 448127, 449761, 456801, 456802
Jowaman Khajorenn 328275

J

Jana, R.K. 197256
Janssen, J. 795917
Jarquin, R. 439173
Jeffers, J.P.W. 208865, 298256
Jenni, L. 487929
Jennings, D.L. 144254, 144260
Jowaman Khajorenn 324886, 324894, 324895, 324897, 324898, 447899, 447900, 447905, 447906, 448127, 449761, 456801, 456802
Jowaman Khajorenn 328275

K

Kaaya, G.P. 362171, 478257
Kabonyi, S. 187389
Kaltsikies, P.J. 006423
Kang, B.T. 197051, 320400
Kanjana Bunsiddhi 449761
Kannangara, T. 527853
Kanok Phalaraksh 456802
Kanok Phalaraksh 324886
Kanok Phalaraksh 324895
Kanwar, J.S. 008518
Kappagoda, N. 008519
Karstad, L. 457997
Kartha, K.K. 077534, 144253
Kartodirdjo, S. 074662
Kawano, K. 076033
Kawar, N.S. 434684
Kayumbo, H.Y. 199950, 200204
Kemkemian, A.A. 434685, 434686
Ker, A.D.R. 196431, 197181, 197187, 197195, 197196, 197196, 197204, 197206, 197207, 197217, 197218, 197222, 197223, 197224, 197225, 197226, 197227, 197231, 197232, 197241, 197256, 197259, 197272, 197273, 197277, 197281, 197434, 197722, 199950, 200204, 200717, 200729, 475323
Keswani, C.L. 196431
Kew, M. 197225
Khajarenn, J.M. 203837, 303319, 303424
Khajarenn, S. 203837, 303319
Khalil, S.A. 434718
Kharajarenn, S. 303424
Khayrallah, W. 434687
Kibani, T.H.M. 196431
Kiltz, H.H. 304511
Kishk, F. 434688
Kiss, A. 006424
Kitpanit, N. 303424
Kitti Wongpichet 397620
Klassen, A.J. 006693
Knight, J.W. 008162
Kobayashi, M. 197745, 299216
Kohli, M.M. 006425
Konang-Amoakah, S. 401341
Kovatch, R.M. 478286
Krabuan Ratanakosum 399068
Krantz, B.A. 197226
Krisakol Hutapat 398981
Krisakol, K.D. 006426
Kuo, C.Y. 541651
Kurichan, P. 200749
Kurien, V. 009926
Kushad, M.M. 197747, 299217

L

Lahoud, R. 434689
Laird, M. 205120
Lakew B 468913
Lakhani, D.A. 197259
Lal, R. 595786
Lamptey, P. 401335
Laquian, A.A. 265468, 408696, 584086
Larter, E.N. 006427, 008356
Latrielle, L. 507881
Leatherdale, D. 031504, 036256, 082377, 377596, 396089
Lee Kum-Tatt 010979
Lee, Y.K. 794698
Leihner, D.E. 503517, 594653, 598028
Lendvay, O. 572865
Leon, J. 199432, 300069
Lessard, G. 301768, 401808, 789259, 790747, 790748, 790749, 790750, 795421, 795917, 795918, 831485
Lew, L.S. 200747
Leuschner, K. 188520
Lew, L.S. 323113
Liese, W. 795421, 831485
Lisa, V. 144256
Liu, C.C. 794698
Loomis, R.S. 198856, 298244

Lopez, F.R. 795918
Lorenzi, J.O. 594648
Losos, G. 478240, 478241, 478243, 478245, 478246, 478247, 478248, 478249, 478257, 478260, 478261, 478262, 478263, 478264, 478265, 478266, 478267, 478268, 478269, 478270, 478275, 478276, 478280, 478281, 478282, 478284, 478285, 478286, 478287, 478288, 487929, 488020
Losos, G.J. 478257, 478260, 478261, 478268, 478276, 478280
Lovisolo, O. 144256
Lozano, C. 185185
Lozano, J.C. 077133, 200748, 301161, 597712
Luisoni, E. 144256
Lujan, L. 076034
Lumsden, J.H. 440282

M

M Sontichai 324896
Mabanza, J. 401334
MacCann, D.J. 305860
MacDonald, H.A. 197047, 298940
MacIntyre, R. 006146, 006417, 006418, 006419, 006420, 006421, 006422, 006423, 006424, 006425, 006426, 006427, 006428, 006429, 006430, 006431, 006432, 006433, 006434, 006435, 006436, 006437, 006438, 006439, 006440, 006693, 007061, 007062, 007485, 008356, 008518, 008519, 008521, 008581, 008788, 008797, 009188, 009209, 009926, 010937, 010979, 011026, 011469, 011474, 014334, 074015, 076025, 076026, 076027, 076028, 076029, 076030, 076031, 076032, 076033, 076034, 076036, 076037, 076038, 076039, 077133, 077534, 185091, 185185, 185592, 186293, 187389, 187390, 187391, 187392, 187928, 188520, 188904, 188906, 188907, 194201, 194481, 194669, 195855, 195860, 195861, 195863, 195865, 196642, 197045, 197046, 197047, 197051, 197052, 197276, 197623, 197737, 197738, 197739, 197745, 197747, 197748, 197749, 197750, 198856, 198861, 198862, 198865, 199432, 199433, 200206, 200207, 200208, 200210, 200746, 200747, 200748, 200749, 200750, 200751, 200752, 200753, 200754, 201480, 203265, 203266, 203267, 203268, 203269, 203763, 203837, 206865, 207577, 207579, 207998, 207999, 208521, 208525, 296595, 297230, 297231, 298065, 298242, 298243, 298244, 298247, 298249, 298251, 298252, 298253, 298256, 298728, 298938, 298939, 298940, 298941, 299032, 299082, 299153, 299214, 299216, 299217, 299218, 299220, 299222, 299799, 300069, 300071, 300622, 300623, 300625, 300626, 300627, 301157, 301161, 301162, 301163, 301167, 301168, 301172, 303066, 303067, 303068, 303260, 303319, 305860, 306138, 306139, 306469, 306748, 320400, 323113, 325159, 360261, 401333, 401334, 401335, 401336, 401337, 401338, 401339, 401340, 401341, 401342, 401343, 401344, 401345, 446729
Maesen, L.J.G. van der 434690
Mafuta, M. 207998
Mahoya, M. 451315
Maingu, Z. 197195
Makenko, N.M. 451315
Mandal, R.C. 197046, 298939
Manday, E.A. 197181
Mandela, M. 451315
Maner, J.H. 203265, 303067

PERSONAL AUTHOR INDEX

Manurung, F. 008163
 Marshall, H.B. 413895
 Marten, G.C. 507904
 Martin, A. 434677
 Martin, F.W. 197749, 299220
 Masiga, W.N. 304518
 Masterson, W.F. 074674
 Mathot, P.J. 006058
 Mattos, P.L.P. de 595709
 Matuluko, E.O. 200750, 301163
 Maxie, M.G. 271803, 362171,
 478257, 478262, 478263
 Mayouf, M.A. 434691
 Mbulamoko, N.M. 564267
 McCann, D.J. 207577
 McDonald, B.E. 008356
 McGarry, M.G. 398509, 614915
 McGinnis, J. 007485
 McGuire, T.C. 478240
 McIntosh, J.L. 503518
 McLaughlin, J.M. 306506
 McSherry, B.J. 532643
 Meiering, A.G. 203763, 303395,
 306138
 Mellors, A. 478282
 Mendoza, H.A. 197623, 299153
 Mengistu, A. 434692
 Menon, K.D. 560300
 Merker, A. 006428
 Metzger, R.J. 006401, 006429
 Miller, F.R. 511872
 Mills, J.N. 478284
 Milne, R.G. 144256
 Mimioglu, M.M. 304578
 Minson, D.J. 508133
 Miyazaki, T. 197745, 299216
 Mlaiki, A. 434674
 Mlay, G.I. 197181
 Moe, P.W. 508134
 Mohan Kumar, C.R. 197046,
 298939, 503519
 Molina, M.R. 439327
 Mongi, H.O. 197231
 Montaldo, A. 195861, 203268,
 298251, 303425, 325159, 350705
 Montilla, J.J. 195861, 203268,
 298251, 303426, 325159
 Monyo, J.H. 196431, 197181,
 197187, 197195, 197196, 197204,
 197206, 197207, 197217, 197218,
 197222, 197223, 197224, 197225,
 197226, 197227, 197231, 197232,
 197233, 197241, 197256, 197259,
 197272, 197273, 197277, 197281,
 197434, 197722, 199950, 200204,
 200717, 200729
 Moodie, P.A. 304521
 Moreno, R.A. 503520, 515157
 Morrison, W.I. 478264, 478265,
 478266, 478275
 Morsi, L.R. 434693
 Mosovich, D. 118939
 Moy, J.H. 207579, 303066
 Muentzing, A. 006430
 Muger, G.M. 304357
 Mukiibi, J. 197204, 200752, 200753,
 301168
 Mukuna, M.K. 451315
 Muller, Z. 303427, 350706
 Muller, Z.O. 303424
 Murillo, B. 439328
 Murray, M. 478264, 478265,
 478266, 478267
 Museru, B. 304524
 Musoke, A.J. 478240
 Mustafa, M. 434689
 Muthukrishnan, C.R. 503521
 Mwambu, P.M. 478261, 478268
 Myers, N. 556701

N

Nair, G.M. 197046, 298939
 Nakayama, T.O.M. 207579, 303066
 Nangju, D. 197273
 Naring Hutunuwat 324896
 Narong Kitpanit 324888, 447902
 Nartey, F. 198865, 299799
 Nassib, A.M. 434682, 434718,

434748
 Nayira, Z.M. 300625
 Nestel, B. 006058, 006059, 006060,
 006174, 006175, 006176, 006177,
 008161, 008162, 008163, 008164,
 074015, 076025, 076026, 076027,
 076028, 076029, 076030, 076031,
 076032, 076033, 076034, 076036,
 076037, 076038, 076039, 077133,
 077534, 082399, 087045, 142355,
 144252, 144253, 144254, 144256,
 144257, 144260, 303070, 303394,
 303395, 303399, 303420, 303421,
 303422, 303423, 303424, 303425,
 303426, 303427, 303428, 303429,
 303465, 443183, 503513, 503514,
 503515, 503516, 503517, 503518,
 503519, 503520, 503521, 503522,
 503523, 515156, 515157, 515158,
 526008, 548550
 Nestel, B.L. 008529, 101663, 287451
 Nestel, B.M. 350707
 Newson, R.M. 304358
 Newton, B.A. 478269
 Nganyi Wabwoto, B.A. 006431
 Ngoni, A.G.N. 197047, 298940
 Nguyen Cong Thanh 008164
 Nielsen, K.H. 478270, 478282
 Nimitr Vorasoot 397620, 398128
 Ninan, C.A. 200749, 301162
 Niroj Sornsumnarn 324896
 Nitis, I.M. 197276, 299032
 Nodals, A.R. 594650
 Norman, D.W. 197206
 Normanh, E.S. 594648
 Nuangpanit Sinchaisri 529333
 Nyiira, Z.M. 188904, 200208

O

Obenchain, F.D. 304358
 Obigbesan, G.O. 197052, 200750,
 298941, 301163
 Okomo, O.A. 197272
 Oke, O.L. 207999
 Okigbo, B.N. 197207, 594647,
 595786
 Olke, O.L. 306749
 Olubayo, R. 488020
 Olympio, H.K. 401342
 Omole, T.A. 303428
 Oomah, B.D. 806193
 Osiru, D.S.O. 197227
 Oteiza, E. 118939
 Oteng, A.K. 304528

P

Padua, D.B. de 008797, 110401
 Paisan Laosuan 399077
 Paladines, O. 508135
 Parodi, P.C. 006432
 Paz Briz, F.R. 076036
 Pearson, O.E. 408338
 Pearson, T.W. 478275
 Pensak Sornkulpakdee 399077
 Persley, G. 360261, 401333, 401334,
 401335, 401336, 401337, 401338,
 401339, 401340, 401341, 401342,
 401343, 401344, 401345, 446729
 Persley, G.J. 401344
 Peterson, J.F. 144257
 Phillips, T.P. 006059, 194201,
 298252
 Photiades, J. 434694
 Piche, V. 558665
 Pido, P.P. 588950
 Pidgeon, W.J. 507881, 507882,
 507903, 507904, 507908, 508003,
 508129, 508130, 508131, 508133,
 508134, 508135, 520394, 541656,
 553943
 Pillai, K.S. 201480, 300626
 Pinstrup-Andersen, P. 074015
 Pinto, F. 006148
 Pipano, E. 304530
 Pires de Mattos, P. 515156
 Plucknett, D.L. 199433, 300071

Poliquin, J. 144697
 Pongmanee Thongbai 527761
 Poulsen, G. 301768, 401790,
 401808, 801875
 Prasit Jaisil 398981
 Prasong Ampunkao 400803
 Price, M.L. 511870, 511871
 Pritchard, G.I. 563635
 Puangtong Jarasrangsichol 399077
 Pyle, L. 398164

Q

Quayle, D.B. 079669, 563665
 Quinones, M.A. 006433
 Quol, A. 434667

R

Rachie, K.O. 299205, 299206,
 299206, 306506, 306507, 306508,
 306515, 306517, 306747, 306890
 Ramirez Pardo, F. 081175, 194686
 Ramsingh, D.C. 794564
 Rao, M.R. 197226
 Rapoport, H. 198856, 298244
 Ratan Lal Banik 790748
 Reeves, W.H. 185091
 Reichert, R.D. 511861, 806193
 Rendle, C.J. 197051, 320400
 Richardson, M.J. 007062
 Robertson, J.B. 507882
 Rodriguez, R. 006434
 Roelants, G. 478275
 Roengsak Katavetin 398561, 398587
 Roengsak Katavetin 398277, 398562
 Romero Brest, G.L. de 118939
 Ronald, K. 405342
 Rooney, L.W. 511872
 Rosas, J.C. 076037
 Rosenow, D.T. 511872
 Rungsit Suwanakethnikom 530298
 Rurangirwa, F.R. 478276, 478280

S

S Chongsri 324886
 S Poomala 324898
 Saber, H.A. 434748
 Sadik, S. 197750, 299222
 Sahir, A.R. 434749
 Sales de Andrade, A.M. 594653
 Salih, F.A. 434695
 Salim, A. 445071
 Samaha, E. 450434
 Samret Cheusai 527760, 530298
 Samu-Negus, H.M. 468913
 Sanchez Monge, E. 006435
 Sandhyavathi Bai, L. 200749,
 301162
 Sanger, C. 151367, 301768, 401808
 Sanit Landthong 397626
 Santibhab Panchapan 398561,
 398587
 Santos-Nunez, J. 203763
 Santos, N.J. 303429
 Sarote Khajareern 324897, 324898,
 328275, 447899, 447900, 447902,
 447905, 447906, 448127, 449761,
 456801
 Sarote Khajoreern 324894
 Saxena, M.C. 434696
 Sayer, P.D. 478265
 Sayre, K.D. 208525, 298065
 Schall, E.D. 507908
 Schiefelbein, E. 751803
 Schoonhoven, A. van 077133,
 200207, 300623
 Scolnik, H.D. 118939
 Sebasigari, K. 401336
 Sedgwick, J.A.D. 203763
 Seif, A.A. 142355, 200746, 301157
 Sekao, V.M. 197256
 Sekioka, T.T. 195863
 Selley, L.J. 405342
 Semana, J.A. 795918
 Sempebwa-Serugo, C.M. 304536

Semuguruka, W.D. 304537
 Sevour, C. 008068
 Sharma, Y.M.L. 790749
 Shebeski, L.H. 006436
 Shehadeh, M. 434689
 Sheppard, J. 478270
 Shipley, E. 098816
 Shommein, A.M. 304540
 Shoyinka, S.A. 200729
 Sibbald, I.R. 520394
 Siddiqui, E.H. 304478
 Siegel, A. 118372, 295391
 Silbaugh, B.A. 006401
 Silva Souza, L. da 595709
 Silva, T. 074690
 Simmons, A. 265468
 Simmons, J. 751803
 Simpson, G.M. 527853
 Singh, B.R. 197231
 Singh, K.B. 434723
 Singh, S. 197226
 Sindhuprama, S. 076026, 503522,
 594654
 Sirilag Puvadolphirod 324895
 Sisodia, N.S. 009209
 Sittichai Hattasikorn 400803
 Siwatibau, S. 795029
 Soedjono, I. 074691
 Soest, P.J. van 507882
 Solon, F.S. 074692
 Soontree Patanothai 401161
 Sosa, M.H. de 006437
 Soysa, C. 408696
 Spurgeon, D. 082213, 082403,
 090029, 098476, 207403
 Srivastava, J.P. 006438
 Stainforth, J. 398509
 Stanley, B. 405175, 440905, 556409,
 590519
 Steckle, J. 008330
 Stout, D.G. 527853
 Suarez, C.E. 118939
 Suarna, M. 197276, 299032
 Subramanian, S.K. 398164
 Suchon Suntornmorn 328275
 Sudi, Y.A. 197231
 Sumalee Suthipradit 398562
 Surachate Jamornmarn 529333
 Suvit Teraputwat 324894, 328275,
 447899
 Swanberg, K. 098816, 443183,
 526008
 Swanberg, K.G. 109964, 109965
 Sykes, J.T. 197737, 299082

T

Tabel, H. 478276, 478280, 478281
 Talavera, L. 118939
 Tamolang, F.N. 795918
 Tan, K. 014334
 Tan, P.H. 203267, 303260
 Tan, S.H. 076028
 Tanaka, J.S. 195863
 Tannous, R. 434697
 Tasanee Jamjanya 400803, 400805,
 400806
 Telaye, A. 434721
 Terd Charoenwatana 399068
 Terry, E. 076038
 Terry, E.R. 144260, 185091, 185185,
 185185, 185592, 186293, 187389,
 187390, 187391, 187392, 187928,
 188520, 188904, 188906, 188906,
 188907, 188907, 200748, 200751,
 200754, 301161, 301167, 301172,
 360261, 401333, 401334, 401335,
 401336, 401337, 401338, 401339,
 401340, 401341, 401342, 401343,
 401344, 401345, 401345, 446729
 Tetley, L. 478285
 Thambirajah, J.J. 203269, 306139
 Thamburaj, S. 503521
 Thompson, D.R. 197232
 Thompson, N.R. 208521, 208525,
 298065, 306469
 Thung, M. 515158
 Tiwari, A.S. 434698
 Tizard, I.R. 478270, 478282

PERSONAL AUTHOR INDEX

Tkachuk, R. 306507

Tono, H. 546409

Toro, M. J.C. 594643, 594646,
594647, 594648, 594650, 594653,
594654, 594656, 594656, 595146,
595450, 595451, 595707, 595708,
595709, 595786, 597712, 598025,
598028

Toro, J.C. 076039

Travassos Santos Dias, J.A. 304547

Tsuchiya, M. 794698

Tulananda, D. 006060

Turnbull, D. 794564, 794618,

794656

Turnbull, D.A. 440906, 440907,
563832, 601040

U

Uchimura, E. 790750

Udom Tienroj 398128

Umanah, E.E. 197738, 298253

Umporn Suwanamek 527760

Ungphakorn, P. 011469

Uriyo, A.P. 197231

V

Vahabian, M.A. 006149

Valdes Sanchez, H. 297231

Valdez Sanchez, H. 194669

Valli, V.E.O. 362171, 440282,
478257, 478262, 478263, 478284,
521704, 521714, 532643

van Schoonhoven, A. 185185

Vanstone, W.E. 794564, 794618

Vargas, R. 203268, 325159

Varghese, G. 203269, 306139

Veenendaal, G.H. 478288

Veerasuk Patanakulchai 324894

Verite, R. 541656

Vickerman, K. 478285

Villegas, M.E. 009188

Vinich Sereprasert 527739, 530297

Virmani, S.M. 197226

Virote Poawwatana 527759

Visoot Verasarn 527761

Vogel, S. 441626, 479025

W

Wahab, A.H. 197739, 299214

Waller, J.M. 067062

Warid, W.A. 197747, 299217

Wassimi, N. 434699

Weber, E. 503513, 503514, 503515,
503516, 503517, 503518, 503519,
503520, 503521, 503522, 503523,
515156, 515157, 515158, 548550

Weber, E.J. 091310, 591255, 594643,
594646, 594647, 594648, 594650,
594653, 594654, 594656, 595146,
595450, 595451, 595707, 595708,
595709, 595786, 597712, 598025,
598028

Welde, B.T. 478286

White, A. 008068

Wien, H.C. 197273

Wijeratne, W.B. 006177

Wilde, J.K.H. 304556

Willey, R.W. 197227, 197259

Williams, C.E. 090499

Williams, P.C. 306508

Williams, R.O. 478287

Wilson, G.F. 197277

Wilson, G.L. 198861

Wilson, L.A. 011474, 198862,
298249

Wilson, L.G. 195865, 296595

Wong, F.M. 203269, 306139

Woo, Hyuk Kang 074696

Worakarn Pinya 527739, 530297

Wurster, R.T. 208525, 298065

Y

Yaciuk, G. 479025

Yang, A.F. 144257

Yaseen, M. 200210, 300627

Yeh, S.H.K. 408696, 584086

Yoktri, S. 074697

Youngs, C.G. 511861, 806193

Youngyuth Osotsapar 527761

Yusuf, Y. 197217

Z

Zandstra, H. 443183, 526008

Zandstra, H.G. 109964, 109965,
503523

Zemedu W 468913

Zillinsky, F.J. 006439, 006440

Zoaka, L. 090499

Zulberti, C. 443183, 526008

Zulberti, C.A. 109964, 109965

Zwart, D. 478288

CORPORATE ENTRY INDEX

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008068

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(Canada)

478240	478241	478243	478245	478246	478247
478248	478249	478257	478260	478261	478262
478263	478264	478265	478266	478267	478268
478269	478270	478275	478280	478281	478282
478284	478285	478286	478287	478288	487276
487929	488020				

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Trivandrum (India)
503513 503514 503515 503516 503517 503518
503519 503520 503521 503522 503523 515156
515157 515158

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074015 075120 076025 076026 076027 076028
076029 076030 076031 076032 076033 076034
076036 076037 076038 076039 077133 077534
194201 194481 194669 195855 195860 195861
195863 195865 196642 197045 197046 197047
197051 197052 197276 197623 197737 197738
197739 197745 197747 197748 197749 197750
198856 198861 198862 198865 199432 199433
200206 200207 200208 200210 200746 200747
200748 200749 200750 200751 200752 200753
200754 201480 203265 203266 203267 203268
203269 203763 203837 206865 207577 207579
207998 207999 208521 208525 298242

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547157

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Trigo, Mexico City (Mexico)
006146 006147 006148 006149 006401 006417
006418 006419 006420 006421 006422 006423
006424 006425 006426 006427 006428 006429
006430 006431 006432 006433 006434 006435
006436 006437 006438 006439 006440 006693
007061 007062 007485 008356 009209

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433182 438986 439173 439216 439325 439327
439328 439344 439387 439388 439390

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Agricultura, San Jose (Costa Rica)
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564746

International Center for Agricultural Research in
the Dry Areas, Aleppo (Syria)
434667 434668 434669 434670 434671 434672
434673 434674 434675 434676 434677 434678
434679 434680 434681 434682 434683 434684
434685 434686 434687 434688 434689 434690
434691 434692 434693 434694 434695 434696
434697 434698 434699 434716 434717 434718
434721 434722 434723 434748 434749 445071

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Ibadan (Nigeria)
082377 396089

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142355 144252 144253 144254 144256 144257
144260 185091 185185 185592 186293 187389
187390 187391 187392 187928 188520 188904
188906 188907 396089 401333 401334 401335
401336 401337 401338 401339 401340 401341
401342 401343 401344 401345 446729

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Diseases, Nairobi (Kenya)
278276 304037 304357 304358 304474 304476
304478 304490 304495 304497 304502 304506
304511 304518 304521 304524 304528 304530
304536 304537 304540 304547 304556 304578
304594 478240 478241 478243 478245 478246
478247 478248 478249 478257 478260 478261
478262 478263 478264 478265 478266 478267
478268 478269 478270 478275 478280 478281
478282 478284 478285 478286 478287 478288
487929 488020

International Livestock Centre for Africa, Addis
Ababa (Ethiopia)
468913

International Society for Tropical Root Crops,
Bogota (Colombia)
194201 194481 194669 195855 195860 195861
195863 195865 196642 197045 197046 197047
197051 197052 197276 197623 197737 197738
197739 197745 197747 197748 197749 198856
198861 198862 198865 199432 199433 200206
200207 200208 200210 200746 200747 200748
200749 200750 200751 200752 200753 200754
201480 203265 203266 203267 203268 203269
203763 203837 206865 207577 207579 207998
207999 208521 208525

CORPORATE ENTRY INDEX

International Society for Tropical Root Crops,
Ibadan (Nigeria)
197750

International Union of Food Science and
Technology, Goteborg (Sweden)
008518 008519 008521 008581 008788 008797
009188 009926 010937 010979 011026 011469
011474 014334 752771 828260

International Union of Nutritional Sciences,
Zurich (Switzerland)
752771 828260

Kasetsart Univ., Bangkok (Thailand)
503443 503466 527739 527759 527760 527761
529333 530297 530298

Kenya Agricultural Research Institute, Mugua
(Kenya)
478240 478241 478243 478245 478246 478247
478248 478249 478257 478260 478261 478262
478263 478264 478265 478266 478267 478268
478269 478270 478275 478276 478280 478281
478282 478284 478285 478286 478287 478288
487929 488020

Khon Kaen Univ. (Thailand)
318786 324886 324888 324894 324895 324896
324897 324898 328275 397620 397626 398128
398277 398561 398562 398587 398981 399068
399077 400803 400805 400806 401161 447899
447900 447902 447905 447906 448127 449761
456801 456802

Manitoba Univ., Winnipeg (Canada)
006146 006147 006148 006149 006401 006417
006418 006419 006420 006421 006422 006423
006424 006425 006426 006427 006428 006429
006430 006431 006432 006433 006434 006435
006436 006437 006438 006439 006440 006693
007061 007062 007485 008356 009209

Ministry of Agriculture and Cooperatives, Bangkok
(Thailand)
503466

Ministry of National Development, Primary
Production Department (Singapore)
564062

Ministry of Natural Resources, North Eastern
State (Nigeria)
008330

Sociedad Internacional de Raices Comestibles
Tropicales, Bogota (Colombia)
298242

South Pacific Commission, Noumea (New Caledonia)
287451

Southeast Asian Regional Center for Graduate
Study and Research in Agriculture, College,
Laguna (Philippines)
031504 036256 091310

Union of Paises Exportadores de Banano, Panama
(Panama)
548029 556835

Union internationale des sciences de la
nutrition, Goteborg (Sweden)
828271

Union internationale des sciences de la
nutrition, Zurich (Switzerland)
828271

Union internationale des sciences et techniques
alimentaires, Goteborg (Sweden)
828271

United Nations Conference on Science and
Technology for Development, New York (USA).
Secretariat
564746

United Nations Univ., Tokyo (Japan)
752771 828260 828271

United States. Agency for International
Development, Washington, D.C. (USA)
194201 194481 194669 195855 195860 195861
195863 195865 196642 197045 197046 197047
197051 197052 197276 197623 197737 197738
197739 197745 197747 197748 197749 197750
198856 198861 198862 198865 199432 199433
200206 200207 200208 200210 200746 200747
200748 200749 200750 200751 200752 200753
200754 201480 203265 203266 203267 203268
203269 203763 203837 206865 207577 207579
207998 207999 208521 208525 298242

University of Guelph (Canada)
303070 303394 303395 303399 303420 303421
303422 303423 303424 303425 303426 303427
303428 303429 303465

COMMODITIES INDEX

515158

A

Angiosperm trees - other

- Planting shelterbelts of trees in Nigeria and Egypt to save farmland 111623

Aquatic animals - general

- Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530
Fish farming 440905
Cage and pen culture of fish [Tokelau Islands] 440906
Cage and pen culture of fish [Tokelau Islands] 440907
Diseases of fish cultured for food in Southeast Asia 458269

Aquatic animals - other

- Biological synopsis of the manatee [aquatic animal] 405342

B

Bamboos (*Bambusaceae*)

- Bamboo taxonomy in the Indo-Malesian region 789259
Lessons from past studies on the propagation of bamboos 790747
Propagation of bamboos by clonal methods and by seed 790748
Bamboos in the Asia-Pacific region 790749
Bamboo cultivation 790750
Preservation of bamboos 795421
The mechanical properties of bamboo used in construction 795917
Properties and utilization of Philippine erect bamboos 795918
Anatomy of bamboo 831485

Bananas, Plantains (*Musa* spp.)

- [Evaluation of legume cover and of its nitrogen fixation capacity in bananas [*Musa sapientum*]] 548029
[The utilization of bananas [*Musa sapientum*] for pulp to be used in the preparation of food products] 556835

Barley (*Hordeum* spp.)

- Cereal quality control program at the Centro Internacional de Mejoramiento de Maiz y Trigo 009188

Beans (*Phaseolus vulgaris*)

- Experiments with maize-bean and maize-potato mixed crops in an area with two short rainy seasons in the highlands of Kenya 197222
A limited objective approach to the design of agronomic experiments with mixed crops [maize, beans, Kenya] 197223
Studies on mixtures of maize and beans with particular emphasis on the time of planting beans 197227
Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa] 197277
Induced resistance to bean rust and its possible epidemiological significance in mixed cropping 200717
Physiological and biochemical responses of rats given potassium cyanide or linamarin [cassava, beans, flax] 303399
Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping: relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
A study on seasonal distribution of leaf miner and leaf roller populations [in soybean, peanut, mungbean and cowpea at Khon Kaen in Thailand] 400005
A study on seasonal distribution of bean fly population [in soybean, mungbean and cowpea at Khon Kaen in Thailand] 400006
The nutritional role of polyphenols in beans 511905
Multiple cropping cassava and field beans: status of present work at the International Centre of Tropical Agriculture (CIAT) [Colombia]

Beef cattle

- Development in the dairy and livestock cooperatives in India 009926
Pelleted cassava root meal as an energy source for finishing steers [beef cattle, dairy cattle] 324896

Beverage products - other

- Coffee pulp [Tokelau Islands] 441708

Bovines - general

- Mexican scientists work to improve pasture management, cut milk and meat costs 115375
Combined effort combats African cattle killers 151367
Evaluation of techniques for counting bovine platelets 271803
Research in theileriosis at the Faculty of Veterinary Medicine, University of Nairobi [cattle] 304357
Studies on *Rhipicephalus appendiculatus* at the International Centre of Insect Physiology and Ecology, Nairobi, Kenya cattle 304358
Theileriosis [ruminants, bovines, Tropics] 304476
Immunization of cattle against *Theileria parva* [East and Central Africa] 304490
Theileriosis in Kenya [cattle] 304495
Theileriosis in Egypt [cattle] 304497
Bovine theileriosis in India 304502
Theileriosis in Zanzibar and Pemba [cattle] 304506
Theileriosis in Rwanda [cattle] 304511
Research projections on theileriosis at the East African Veterinary Research Organization [cattle] 304518
Theileriosis in Malawi [cattle] 304521
Theileriosis in Burundi [cattle] 304524
Theileriosis in Uganda [cattle] 304528
Basic Principles of *Theileria annulata* control [cattle, Tropics] 304530
Theileriosis in Zambia [cattle] 304536
Theileriosis in Tanzania [cattle] 304537
Theileriosis in the Sudan [cattle] 304540
Theileriosis in Mozambique [cattle] 304547
The control of theileriosis [Tropics, cattle] 304556
Bovine erythrocytic, granulocytic and macrophage colony formation in culture. A preliminary report 362171
The pathogenesis of *Trypanosoma congolense* infection in calves. III. Neutropenia and myeloid response 440282
Cross-reacting determinants in trypanosome surface antigens [bovines] 478240
Antigenic heterogeneity of bloodstream and metacyclic forms of *T. brucei* [bovines] 478241
Pharmacologically active substances in *T. brucei* infections [bovines, rabbits, Africa South of Sahara] 478243
Biochemistry of variant antigens [bovines] 478245
Rodent trypanosomiasis [bovines] 478246
Erythropoietic response in bovine trypanosomiasis [bovines] 478247
Effects of *T. congolense* and *T. brucei* on the circulatory volumes of cattle [Africa South of Sahara] 478248
Mechanisms of antigenic variation in salivarian trypanosomes [bovines] 478249
Effect of bovine trypanosomiasis on hematopoiesis 478257
Infections caused by pathogenic African trypanosomes [bovines] 478260
Organ and tissue weights in diseases caused by *T. vivax* and *T. congolense* [bovines, Africa South of Sahara] 478261
Pancytopenia in bovine trypanosomiasis 478262
Hemodilution in bovine trypanosomiasis 478263
Lymphoid changes in African trypanosomiasis [Kenya] 478264
Pathogenesis of tissue lesions in *T. brucei* infections [bovines, dogs, Africa South of Sahara] 478265
Parasitemia and host susceptibility to African trypanosomiasis [bovines] 478266
Anemia of bovine African trypanosomiasis: an overview 478267
Ultrastructural changes in blood vessels of tissues of cattle experimentally infected with *Trypanosoma congolense* and *T. vivax*: a preliminary report [Kenya] 478268
The metabolism of African trypanosomes in relation to pathogenic mechanisms [bovines] 478269
Complement in experimental trypanosomiasis [bovines] 478270
Changes in the immune system during experimental African trypanosomiasis [bovines] 478275
Immunosuppression of humoral immune response in bovine trypanosomiasis [Africa South of Sahara] 478276
Is the anemia in bovine trypanosomiasis caused by immunologic mechanisms? 478280
Serum protein changes in bovine trypanosomiasis: a review 478281

COMMODITIES INDEX

- Biologically active lipids generated by autolysis of *T. congolense* (bovines) 478282
 Pathology of *T. congolense* in calves 478284
 Biology and ultrastructure of trypanosomes in relation to pathogenesis (bovines) 478285
 Immunity in the bovine to *T. congolense* induced by self-cure or chemotherapy 478286
 Genetic basis of antigenic variation (bovines) 478287
 Pharmacologically active substances in *T. vivax* infections (bovines) 478288
 Cyclical transmission and antigenic variation (bovines) 487929
 The pathogenesis of *Trypanosoma congolense* infection in calves. IV. The inetics of blood coagulation 521704
 The pathogenesis of *Trypanosoma congolense* infection in calves. V. Quantitative histological changes 521714
- Breads**
- Cultivation, processing and utilization of cassava in Sri Lanka 006177
- Broad beans (*Vicia faba*)**
- Strategies for the genetic improvement of lentils, broad beans, and chick peas, with special emphasis on research at ICARDA [arid zone] 434716
 Diseases of broad beans (*Vicia faba*) in the Sudan 434717
 Methods of population improvement in broad bean breeding in Egypt 434718
 Broad beans (*Vicia faba*) and dry peas (*Pisum sativum*) in Ethiopia 434721
 Broomrape (*Orobancha crenata*) resistance in broad beans: breedings work in Egypt [edible aroids] 434748
- C
- Canned fishery products**
- Increasing the availability of fish and fish products in Southeast Asia [oysters] 117419
- Cassava (*Manihot esculenta*)**
- Production and export control in Thailand and the marketing in Europe of tapioca pellets 006058
 World market prospects for cassava and its products 006059
 Problems of the Thai tapioca trade 006060
 The cassava industry of the Philippines 006174
 Agronomic potential for cassava production 006175
 Problems and prospects in cassava production in India 006176
 Cultivation, processing and utilization of cassava in Sri Lanka 006177
 Storage of cassava roots and related post-harvest problems 008161
 Speciality food starches 008162
 Technology of cassava chips and pellets processing in Indonesia, Malaysia and Thailand 008163
 Technology of cassava chips and pellets processing in Thailand 008164
 Current trends in cassava research 008529
 Increasing the potential of cassava through improved processing techniques and nutritional enrichment 014334
 A suggested method for improving the information base for establishing priorities in cassava research 074015
 Venezuela [report on cassava] 076025
 Thailand [report on cassava] 076026
 Philippines [report on cassava] 076027
 Malaysia [report on cassava] 076028
 Brazil [report on cassava] 076029
 Indonesia [report on cassava] 076030
 Guatemala [report on cassava] 076031
 India [report on cassava] 076032
 Cassava germ plasm collection and advanced genetic material at CIAT [Colombia] 076033
 Colombia [report on cassava] 076034
 Ecuador [report on cassava] 076036
 Peru [report on cassava] 076037
 Cassava germ plasm resources, disease incidence and phytosanitary constraints at IITA, Nigeria 076038
 Proposed structure of an international cooperative network for evaluation of promising cassava materials 076039
 Danger of dissemination of diseases and pests through the introduction of material for the propagation of cassava 077133
 Potential value of a tissue culture technique for producing mosaic symptom-free cassava plants 077534
 Cassava; the development of an international research network 082399
 [Advances of the world research on cassava] 098476
 [World documentation center on cassava in Colombia] 103082
- Cassava research brings results [Asia, Latin America] 111886
 Cassava in Kenya 142355
 Recent advances in research on cassava viruses in East Africa 144252
 In vitro techniques in the control of cassava mosaic disease 144253
 Breeding for resistance to African cassava mosaic disease: progress and prospects 144254
 Screening and quarantine of cassava from East Africa [mosaic disease, Guinea] 144256
 Characterization studies of cassava mosaic agents Nigeria 144257
 Symptomatology of cassava mosaic disease and a proposal for further study to categorize the variants 144260
 A note on the IITA training program [cassava, Nigeria] 185091
 Suggested guidelines relating to the international movement of cassava planting materials 185185
 Possibilities for economic research into cassava production systems in Africa [Africa south of Sahara] 185592
 A rapid multiplication technique [cassava] 186293
 Guidelines for the establishment of a cassava improvement project: the Zaire model 187389
 Improvement of cassava at the International Institute of Tropical Agriculture [Africa south of Sahara, Nigeria] 187390
 Cooperative testing and selection [cassava, Africa south of Sahara] 187391
 The international exchange and testing of cassava germ plasm in Africa [Africa south of Sahara] 187392
 Germination and pollination [cassava, Africa south of Sahara] 187928
 Major pests of cassava in Africa and preliminary guidelines for screening or resistance [Africa south of Sahara] 188520
 Advances in research on the economic significance of the green cassava mite (*Mononychellus tanajoa*) in Uganda 188904
 Cassava bacterial blight in Africa [Africa south of Sahara] 188906
 Description and evaluation of cassava mosaic disease in Africa 188907
 Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530
 A profile of Thai cassava production practices 194201
 The allocative efficiency of Fijian root crop producers [cassava, potatoes, taro, yams] 194481
 The importance of cassava processing in the economy of Colombia 194669
 Proceedings of the Fourth Symposium of the International Society for Tropical Root Crops [cassava] 195855
 The Mukibat system of cassava production [Manihot glaziovii, M. esculenta, Indonesia] 195860
 Production of cassava foliage [Venezuela] 195861
 The interaction of lime with minor elements and phosphorus in cassava production [Colombia] 197045
 Effect of farm yard manure and NPK on cassava [India] 197046
 Effect of potassium and sulfur on growth, yield, and composition of cassava [Colombia] 197047
 Undersowing cassava with stylo [santhes] grown under coconut [Bali] 197276
 Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa] 197277
 Cassava research in Nigeria before 1972 [breeding, agronomy, physiology, chemical analyses, pests and diseases, cytogenetics] 197738
 Characteristics of indigenous and introduced cultivars of cassava in Guyana [yields] 197739
 Mineral nutrition of cassava and adaptation to low fertility conditions 198061
 Total dry matter production, tuber yield, and yield components of six local cassava cultivars in Trinidad 198062
 Lipase activity and the conversion of fat to carbohydrate in cassava 198063
 Mealy bug attack on cassava in Amazonia [*Phenacoccus* sp., Brazil] 200206
 World distribution, identification, and control of cassava pests 200207
 Population dynamics of the green cassava mite and its predator *Oligota* [*Mononychellus tanajoa*, Uganda] 200208
 Distribution, biology, and population dynamics of the green cassava mite in the neotropics [*Mononychellus tanajoa*] 200210
 Field control of cassava mosaic in Coast Province, Kenya 200746
 Cassava bacterial blight in Taiwan [*Xanthomonas manihotis*] 200747
 Cassava diseases and their control 200748
 Lipid metabolism in mosaic-infected cassava [M4, H.165 varieties] 200749
 Effect of potassium and bacterial blight on the yield and chemical composition of cassava cultivars [*Xanthomonas manihotis*] 200750
 Factors affecting the incidence of cassava bacterial blight in Africa 200751
 Susceptibility of cassava chips to *Araceras fasciculatus* 201480
 Utilization of cassava-based diets in swine feeding [Tropics] 203265
 Utilization of cassava as a carbohydrate source for pigs 203266
 Utilization of nutritionally improved cassava in poultry and pig diets 203267

COMMODITIES INDEX

- The effect of various levels of cassava leaf meal in broiler chicken rations 283268
- Protein enrichment of cassava by fermentation with microfungi and the role of natural nitrogenous supplements 283269
- Establishment of a pilot plant for the production of fungal protein from cassava 283763
- Use of cassava as a food supplement for broiler chicks 283837
- Cassava utilization in agro-industrial systems 287577
- The toxic effect of cassava on human thyroid 287996
- The prophylactic action of cassava 287999
- Cassava: some recent research findings 287451
- [Relevance of cassava processing in Colombia economy] 297231
- [Summaries of papers presented during the Fourth Symposium of the International Society for Tropical Root Crops [cassava, leguminous grains and vegetables]] 298242
- [The mukibat system for cassava production] 298247
- [Total dry matter production, tubers yield and yield components of six cassava native cultivars in Trinidad] 298249
- [Cassava foliage production] 298251
- [Outline of the cassava cultivation practices in Thailand] 298252
- [Research on cassava in Nigeria before 1972] 298253
- [Lime, minor elements and phosphorus interaction in cassava production] 298938
- [Effect of soil manuring and NPK fertilization on cassava [growth and quality]] 298939
- [Effect of potassium and sulphur on the yield, growth and composition of cassava] 298940
- [Planting cassava and stylo under coconut shadow [multiple cropping]] 299032
- [Characteristics of native and introduced cassava cultivars in Guyana] 299214
- [Lipase activity and conversion of fats into carbohydrates in cassava] 299799
- [Coccidiosis attack cassava in the Amazon Region [Phenacoccus, Brasil]] 300622
- [Distribution, identification and world control of cassava pests] 300623
- [Cassava green mites population dynamics and their Oligota predator] 300625
- [Susceptibility of cassava chops to *Araeceras fasciculatus* [insect]] 300626
- [Distribution, biology and population dynamics of cassava green mites in the neotropics] 300627
- [Field control of cassava mosaic in the coast province of Kenya] 301157
- [Cassava diseases and their control] 301161
- [Lipids metabolism in cassava infected with mosaic] 301162
- [Effect of potassium and bacterial smut on the yield and chemical composition of cassava cultivars] 301163
- [Factors affecting cassava bacterial smut incidence in Africa] 301167
- [Use of rations balanced with cassava in pigs feeding] 303067
- [Use of cassava as a carbohydrate source for pigs] 303068
- Cassava as animal feed 303070
- [Use of nutritionally improved cassava in rations for chickens and pigs] 303260
- [Use of cassava as a feed supplement for broilers [chickens]] 303319
- Cassava as a substrate for single-cell protein production: microbiological aspects 303394
- Fermentor performance in microbial protein production from cassava 303395
- Physiological and biochemical responses of rats given potassium cyanide or linamarin [cassava, beans, flax] 303399
- Methionine as an additive to cassava-based diets 303420
- Cassava as a feed source for ruminants [tropics] 303421
- Life-cycle swine feeding systems with cassava [soybean, maize, tropics] 303422
- Additives other than methionine in cassava diets 303423
- Cassava in the nutrition of swine [tropics] 303424
- Whole plant utilization of cassava for animal feed [tropics] 303425
- Cassava in the nutrition of broilers [chickens, tropical America] 303426
- Improving the quality of cassava root and leaf product technology [ruminants, tropics] 303427
- Cassava in the nutrition of layers [chickens, tropics] 303428
- Pilot plant for single-cell protein production [cassava, Colombia] 303429
- Laboratory animal nutrition with fungi grown on cassava 303465
- [Cassava use in agroindustrial systems] 305860
- [Establishment of a pilot plant to produce fungal protein from cassava] 306138
- [Cassava protein enrichment through fermentation with microfungi and the role of nitrogen natural supplements] 306139
- [Toxic effect of cassava on human thyroid] 306748
- [Prophylactic action of cassava] 306749
- Cassava trade of Thailand in 1977 318786
- [Cassava bacterial smut in Taiwan] 323113
- The economic replacement of maize by cassava root meal in starter grower, developer and layer diets 324886
- The substitution of maize by cassava root meal in swine ration 324888
- Biological titration of Thai cassava root products of various quality grades with broiler chicks 324894
- An evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in starter, grower, developer and layer diets 324895
- Pelleted cassava root meal as an energy source for finishing steers [beef cattle, dairy cattle] 324896
- An evaluation of the comparative feeding value of cassava root meal, sorghum, maize and rice by-products as energy sources for pigs 324897
- Biological titration of Thai cassava root products of various quality grades, 1: high-quality root chips in pig rations 324898
- [Effects of different levels of cassava leaf meal in broilers rations] 325159
- Determination of basic chemical parameters of [Thai] cassava root products of different origin, processing technology and quality 328275
- Cassava as a feed source for ruminants 350704
- Whole plant utilization of cassava for animal feed 350705
- Improving the quality of cassava root and leaf product technology 350706
- Cassava as animal feed. Proceedings of a workshop held at the University of Guelph, 18-20 April 1977 350707
- Cassava bacterial blight. Report of an interdisciplinary workshop held at IITA, Ibadan, Nigeria, 1-4 November 1976 360261
- Cassava thesaurus [*Manihot esculenta*] 377596
- Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
- Influence of shade and intercropping on the incidence of cassava bacterial blight [Africa] 401333
- People's Republic of the Congo [country statement, on cassava blight] 401334
- Control of cassava bacterial blight in Ghana 401335
- Control of cassava bacterial blight in Zaire 401336
- People's Republic of Benin [country statement, on cassava blight, Africa] 401337
- Breeding for resistance to cassava bacterial blight [Africa] 401338
- Cassava improvement in the Niger Delta of Nigeria 401339
- Survival of *Xanthomonas manihotis*, the cassava bacterial blight pathogen [Africa] 401340
- Ghana [country statement, on cassava blight] 401341
- Togo [country statement, on cassava blight] 401342
- Cassava bacterial blight [Tropical Africa] 401343
- Distribution and importance of cassava bacterial blight in Africa 401344
- Diagnosis of cassava bacterial blight disease [Tropical Africa] 401345
- Control of cassava bacterial blight in Nigeria 446729
- Biological titration of Thai cassava root products of various quality grades with broiler chicks 447899
- Effects of protein level in cassava diets on performance of broilers 447900
- Biological titration [with pigs] of Thai cassava root products of various quality grades, trial 2 447902
- Biological titration [with pigs] of Thai cassava root products of various quality grades, trial 2 447905
- Effect of supplementation of cassava-based diets on growth performance of pigs 447906
- Determination of basic chemical parameters of cassava root products of different origin, processing technology and quality 447961
- An evaluation of the replacing value of cassava root meal for maize, sorghum or rice by-products in broiler rations 456801
- Evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in layer diets 456802
- Cassava intercropping patterns and practices in Malaysia 503513
- Cassava intercropping patterns and management practices in Indonesia 503514
- Intercropping with cassava in Africa 503515
- Agroeconomic considerations in cassava intercropping research 503516
- Agronomic implications of cassava-legume intercropping systems 503517
- Soil fertility implications of cropping patterns and practices for cassava 503518
- Intercropping systems with cassava in Kerala State, India 503519
- Intercropping with cassava in Central America 503520
- Cassava intercropping patterns and management practices at Tamil Nadu Agricultural University, Coimbatore, India 503521
- Cassava and cassava-based intercrop systems in Thailand 503522
- Cassava intercropping research: agroclimatic and biological interactions 503523
- Cassava intercropping in Brazil 515156
- Crop protection implications of cassava intercropping 515157
- Multiple cropping cassava and field beans; status of present work at the International Centre of Tropical Agriculture (CIAT) [Colombia] 515158
- Intercropping with cassava. Proceedings of an international workshop

COMMODITIES INDEX

- held at Trivandrum, India, 27 November-1 December, 1978 548550
 Role of cassava in the etiology of endemic goitre and cretinism [Zaire] 564267
 The effect of graded levels of fermented cassava meal on broilers 588950
 Cassava harvesting and processing: proceedings of a workshop held at CIAT, Cali, Colombia, 24-28 April 1978 591255
 Cassava planting material: management practices for production 594643
 Cultural practices for large cassava plantations 594646
 Cassava planting systems in Africa 594647
 Cassava production and planting systems in Brazil 594648
 Mechanical planting and other cassava cultural practices in Cuba 594650
 Influence of period and conditions of storage on growth and yield of cassava 594653
 Cassava planting systems in Asia 594654
 Agronomic practices for cassava production: a literature review 594656
 The effect of mycorrhizal inoculation on the phosphorus nutrition of cassava 595146
 Long-term fertility considerations in cassava production 595450
 Cassava production in low fertility soils 595451
 Soil-related intercropping practices in cassava production 595707
 Soil-related cultural practices for cassava 595708
 Double row planting systems for cassava in Brazil 595709
 Soil and water conservation and management for cassava production in Africa 595786
 Integrated control of diseases and pests of cassava 597712
 Chemical weed control in cassava 598025
 Cultural control of weeds in cassava 598028
- Catfish**
- Synopsis of biological data on the broad-headed sleeper goby, *Dormitor latifrons* 563832
- Cereal and bakery products - other**
- Triticale research program in Ethiopia 006148
 Cultivation, processing and utilization of cassava in Sri Lanka 006177
- Cereals - general**
- Food crop research for the semi-arid tropics 006112
 Speciality food starches 006162
 Consumer preference study in grain utilization, Maiduguri, Nigeria. Cereals and grain legumes 008330
 Improvement of crops and their relationship to nutrition and food science technology in the semi-arid tropics 008518
 The integration of food and agriculture research in Asia 008519
 Hidden harvest: a systems approach to postharvest technology 090029
 Arab nations join Canada and other donors in establishing new agricultural centre [cereals, legumes] 111872
 Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530
 Mixed cropping research at the Institute for Agricultural Research, Samaru, Nigeria [cereals, cotton] 197217
 Intercropping in semi-arid areas [cereals, vegetables, oil crops] 197218
 Cowpeas as an intercrop under cereals [Tropical Africa] 197273
 Selection criteria in intercrop breeding [Tanzania, cereals, leguminous grains and vegetables, oil herbs and bushes] 197434
 IBPGR and FAO programs for the collection of crop germ plasm and its long-term conservation [International Board for Genetic Resources; tuber and root crops, grain legumes, cereals] 197737
 Hidden harvest: a systems approach to postharvest technology [leguminous grains and vegetables, cereals] 207403
 Maiduguri Mill Project: grain milling and utilization in West Africa [Nigeria] 207487
 Tentative nutritional objectives in the major food crops for plant breeders cereals, leguminous grains 299285
 Calculation of the nitrogen-to-protein conversion factor [leguminous grains, cereals] 306507
 Food or famine 473323
 An end to pounding [cereals] 564142
 Quantitative comparison between carborundum stones and resinoid disks in dehulling cereal grains 806193
- Cereals - other**
- Agronomy and physiology of triticales 006146
 Triticale research program in Algeria 006147
 Triticale research program in Ethiopia 006148
 Triticale research program in Iran 006149
 Expanding the CIMMYT outreach programs 006417
 Meiotic, gametophytic, and early endosperm development in tritiale 006418
 Broadening of the tritiale germ plasm base by primary hexaploid tritiale production 006419
 Triticale research program in the United Kingdom 006420
 Production of tritiale germ plasm 006421
 Foreword. [Triticale Symposium] 006422
 Univalency in tritiale 006423
 Tritiale breeding experiments in Eastern Europe 006424
 Extending adaptability and sources of new genetic variability in tritiale 006425
 Research work with 4x-tritiale in Germany (Berlin) 006426
 Progress in the development of tritiale in Canada 006427
 Cytogenetics of hexaploid tritiale 006428
 Tritiale: its potential as a cereal crop in the United States of America 006429
 Historical review of the development of tritiale 006430
 Tritiale program and potential in Kenya 006431
 Tritiale breeding experiments in Chile 006432
 Early steps in tritiale breeding at CIMMYT 006433
 Introduction of new forms and types from wheat and tritiale 006434
 Development of triticales in Western Europe 006435
 Future role of triticales in agriculture 006436
 Use of chromosome analysis to detect favourable combinations from octoploid X hexaploid crosses 006437
 Prospects of tritiale as a commercial crop in India 006438
 The tritiale improvement program at CIMMYT 006439
 Improving seed formation in triticales 006440
 Metabolic factors influencing kernel development in tritiale. [Starch] 006493
 Tritiale diseases review 007061
 Tritiale diseases in CIMMYT trial locations 007062
 Nutritional value of tritiale as high-protein feed for poultry 007485
 Comparison of the vole, rat and mouse as assay animals in the evaluation of protein quality 008356
 Cereal quality control program at the Centro Internacional de Mejoramiento de Maiz y Trigo 009188
 Tritiale breeding experiments in India 009209
- Chickens**
- Nutritional value of tritiale as high-protein feed for poultry 007485
 Utilization of nutritionally improved cassava in poultry and pig diets 203267
 The effect of various levels of cassava leaf meal in broiler chicken rations 203268
 Use of cassava as a food supplement for broiler chicks 203837
 [Use of nutritionally improved cassava in rations for chickens and pigs] 303260
 [Use of cassava as a feed supplement for broilers [chickens]] 303319
 Cassava in the nutrition of broilers [chickens, tropical America] 303426
 Cassava in the nutrition of layers [chickens, tropics] 303428
 The economic replacement of maize by cassava root meal in starter grower, developer and layer diets 324886
 Biological titration of Thai cassava root products of various quality grades with broiler chicks 324894
 An evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in starter, grower, developer and layer diets 324895
 [Effects of different levels of cassava leaf meal in broilers rations] 325159
 Biological titration of Thai cassava root products of various quality grades with broiler chicks 447899
 Effects of protein level in cassava diets on performance of broilers 447900
 A preliminary study on cyanide toxicity in broilers 448127
 An evaluation of the replacing value of cassava root meal for maize, sorghum or rice by-products in broiler rations 456801
 Evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in layer diets 456802
 The effect of graded levels of fermented cassava meal on broilers 588950
- Chickpeas (*Cicer arietinum*)**
- Problems of nutritional quality of pigeon pea and chick-pea and prospects of research 306517
 Strategies for the genetic improvement of lentils, broad beans, and chick peas, with special emphasis on research at ICARDA [arid zone] 434716
 Insect pests of chick pea and lentils in the countries of the Eastern Mediterranean: a review 434722
 The ICRIAT chick pea program with special reference to the Middle East 434723
- Coca (*Erythroxylum* spp.)**
- [Planting cassava and stylo under coconut shadow [multiple cropping]] 299032

COMMODITIES INDEX

Coffee (*Coffea* spp.)

- Waste not, want not [livestock feeding, coffee pulp, sugar cane] 087045
 [New sources of energy for animal consumption] 101663
 [Coffee by-products [Coffea arabica]] 433182
 [Use of coffee pulp in feeding ruminants [Coffea arabica]] 438986
 [Coffee pulp in feeding swine [Coffea arabica]] 439173
 [Use of coffee pulp in other species [domestic birds, Coffea arabica]] 439216
 [Coffee pulp processing; chemical treatments [Coffea arabica]] 439325
 [Coffee pulp drying [Coffea arabica]] 439327
 [Coffee pulp silage [Coffea arabica]] 439328
 [Anti-physiological factors in coffee pulp [Coffea arabica]] 439344
 [Coffee pulp; composition, technology and utilization] 439387
 [Possible uses of coffee grain by-products [Coffea arabica]] 439388
 [Chemical composition of coffee pulp [Coffea arabica] and other products] 439390
 Coffee pulp [Tokelau Islands] 441708

Conifers and other gymnosperms - other

- Research aims at improving Jordan's reforestation effort [pine, eucalyptus, acacia, cypress] 114414

Cotton (*Gossypium* spp.)

- Mixed cropping research at the Institute for Agricultural Research, Samaru, Nigeria [cereals, cotton] 197217

Cover crops - general

- [Evaluation of legume cover and of its nitrogen fixation capacity in bananas [Musa sapientum]] 548029

Cowpeas (*Vigna unguiculata*)

- Cowpeas; home preparation and use in West Africa 090499
 Measuring plant density effects on insect pests in intercropped maize-cowpeas [Tanzania] 197224
 An appraisal of some intercropping methods in terms of grain yield, response to applied phosphorus, and monetary return from maize and cowpeas 197231
 Development of cowpea ideotypes for farming systems in Western Nigeria 197272
 Cowpeas as an intercrop under cereals [Tropical Africa] 197273
 Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197222
 Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
 Pest control in mixed cropping systems [sorghum, cowpeas, Tanzania] 200204
 Attempted control of virus incidence in cowpeas by the use of barrier crops [maize, rice, soybeans, Nigeria] 200729
 Criteria for cooking quality and acceptability of cowpeas 306515
 Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping; relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
 Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
 A study on seasonal distribution of leaf miner and leaf roller populations [in soybean, peanut, mungbean and cowpea at Khon Kaen in Thailand] 400005
 A study on seasonal distribution of bean fly population [in soybean, mungbean and cowpea at Khon Kaen in Thailand] 400006

D

Dairy cattle

- Development in the dairy and livestock cooperatives in India 009926
 Theileriosis in Turkey [dairy cattle] 304578
 Pelleted cassava root meal as an energy source for finishing steers [beef cattle, dairy cattle] 324896

Diseases - general

- Integrated control of diseases and pests of cassava 597712

Dogs

- Pathogenesis of tissue lesions in *T. brucei* infections [bovines, dogs, Africa South of Sahara] 478265

Domesticated birds - general

- [Use of coffee pulp in other species [domestic birds, Coffea arabica]] 439216
 Relationship to INFIC: feed data documentation and standardized methods 507903
 Prediction of energy digestibility of forages with in vitro rumen fermentation and fungal enzyme systems [ruminants, domesticated birds] 507904
 Standardization of procedures [ruminants, domesticated birds] 507908
 Application of practical rationing systems [ruminants, domesticated birds] 508129
 Trade and legal aspects of analytical techniques for feeds [ruminants, domesticated birds] 508130
 Evaluation of the energy value of feeds: overall appreciation [ruminants, domesticated birds] 508131
 Relationships of conventional and preferred fractions to determined energy values [ruminants, domesticated birds] 508133
 Problems of standardization of units to describe the energy value of feedstuffs [ruminants, domesticated birds] 508134
 Feed evaluation systems for the tropics of Latin America [ruminants, domesticated birds] 508135
 A new technique for estimating the ME content of feeds for poultry 520394

Domesticated mammals - general

- Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530

E

Edible aroids

- The allocative efficiency of Fijian root crop producers [cassava, potatoes, taro, yams] 194481
 Giant swamp taro, a little-known Asian-Pacific food crop [Cyrtoosperma chamissonis] 199433
 A system of food delivery from root crops [taro, Colocasia esculentum, Hawaii] 207579
 Broomrape (Orobanchaceae) resistance in broad beans: breeding work in Egypt [edible aroids] 434748
 The biology and control of Orobanchaceae: a review [edible aroids, Arab countries] 434749

Eucalypts (*Eucalyptus* spp.)

- Research aims at improving Jordan's reforestation effort [pine, eucalyptus, acacia, cypress] 114414

F

Feed grasses

- Mexican scientists work to improve pasture management, cut milk and meat costs 115375

Feed legumes - general

- Provisional thesaurus on tropical grain and forage legumes 022377
 Mexican scientists work to improve pasture management, cut milk and meat costs 115375
 Thesaurus on tropical grain and forage legumes 396009
 Agronomic implications of cassava-legume intercropping systems 503517

Feed roots

- Production of cassava foliage [Venezuela] 199861

Feeding-stuffs - general

- Systems of analysis for evaluating fibrous feeds 507882
 Relationship to INFIC: feed data documentation and standardized methods 507903
 Prediction of energy digestibility of forages with in vitro rumen fermentation and fungal enzyme systems [ruminants, domesticated birds] 507904
 Application of practical rationing systems [ruminants, domesticated birds] 507904

COMMODITIES INDEX

- birds] 508129
Trade and legal aspects of analytical techniques for feeds [ruminants, domesticated birds] 508130
Evaluation of the energy value of feeds: overall appreciation [ruminants, domesticated birds] 508131
Relationships of conventional and preferred fractions to determined energy values [ruminants, domesticated birds] 508133
Problems of standardization of units to describe the energy value of feedstuffs [ruminants, domesticated birds] 508134
Feed evaluation systems for the tropics of Latin America [ruminants, domesticated birds] 508135
A new technique for estimating the ME content of feeds for poultry 520394
Appreciation of the nitrogen value of feeds for ruminants 541656
Standardization of analytical methodology for feeds. Proceedings of a workshop held in Ottawa, Canada, 12-14 March 1979 553943
- Fibre plants - other**
- Improving on alfa: the grass that gives jobs to 20000 Tunisian families [esparto, Stipa tenacissima, Algeria] 109100
- Fish - general**
- Fish farming can help meet food needs [South East Asia] 089060
Fish farming 405175
The theory and practice of induced breeding in fish 477410
Fisheries and aquaculture in the People's Republic of China 563635
- Fish and marine food products - general**
- Stable tropical fish products 068289
- Flax (as fibre plant) (*Linum usitatissimum*)**
- Physiological and biochemical responses of rats given potassium cyanide or linamarin [cassava, beans, flax] 303399
- Flours and semolinas**
- Maiduguri mill project: grain milling and utilization in West Africa [Nigeria] 146360
[Effects of different levels of cassava leaf meal in broilers rations] 325159
- Food and feed constituents - other**
- Biological evaluations of two thermotolerant filamentous fungi [Cephalosporium eichhorniae, Rhizopus chinensis] 541651
- Foods - general**
- Directory of food science and technology in Southeast Asia 006111
Food [world production and consumption] 118939
[Research on post-harvesting systems (of food) in developing countries] 777102
- Forage trees and shrubs**
- Trees for people: an account of the forestry research program supported by the International Development Research Centre [forage trees and shrubs, Tropics] 301768
- Forest and ornamental trees - general**
- Natural durability and preservation of one hundred tropical African woods 144697
Trees for people: an account of the forestry research program supported by the International Development Research Centre [forage trees and shrubs, Tropics] 301768
Trees, food, and people: land management in the tropics 301990
Trees in land improvement in tropical countries 401800
Trees and man 401800
Energy from biomass for developing countries [forest and ornamental trees] 413095
Tropical moist forests: we all gain or lose together 556701
The role of trees in the Sahel 561765
Man and tree in Tropical Africa 801875
- Fresh fish and shellfish**
- The biology and artificial propagation of farm fishes and grass carp and silver carp: the production of fry [China] 794698
- Fruit and vegetable products - general**
- Vegetable tannins - structure and biosynthesis 511944

G

Game animals

- Trypanosomiasis of game animals 488020

Groundnut (*Arachis hypogaea*)

- Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping: relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
An assessment of the relative importance of fertilizer, soil insecticide, and leaf spraying insecticide on yield of peanut [at Khon Kaen in Thailand] 397626
Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
Peanut breeding [variety collection and evaluation and yield trials at Khon Kaen in Thailand] 399068
Peanut insect pests: seasonal infestation, effects of insecticides, and losses due to insect pests [leaf miner, jassid, subterranean ant, aphid and leaf roller at Khon Kaen in Thailand] 400083
A study on seasonal distribution of leaf miner and leaf roller populations [in soybean, peanut, mungbean and cowpea at Khon Kaen in Thailand] 400085

Gum arabic (*Acacia senegal*)

- Research aims at improving Jordan's reforestation effort [pine, eucalyptus, acacia, cypress] 114414

H

Herbicides

- Effect of pre-emergence herbicide in weed number and yield of mungbean when grown by row planting and broadcasting method [in Thailand] 530297
Purple nutsedge [Cyperus rotundus] control with fourth application of glyphosate in mungbean grown after rice [in Thailand] 530298

Hibiscus fibres (general)

- Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562

I

Injurious birds

- Sorghum polyphenols and bird resistance 511869

L

Laboratory animals (except insects and mites reared for biological control)

- Comparison of the vole, rat and mouse as assay animals in the evaluation of protein quality 008356
Physiological and biochemical responses of rats given potassium cyanide or linamarin [cassava, beans, flax] 303399
Laboratory animal nutrition with fungi grown on cassava 303465

Leguminous grains and vegetables - general

- Food crop research for the semi-arid tropics 006112
Consumer preference study in grain utilization, Maiduguri, Nigeria. Cereals and grain legumes 008330
Improvement of crops and their relationship to nutrition and food science technology in the semi-arid tropics 008518
Processing and utilization of cowpea, chickpea, pigeon pea, and mung bean 011026
[First commentaries to the lecture on Agronomic value of some

COMMODITIES INDEX

- edible leguminous grain cultivated in the low land Tropics] 075120
Provisional thesaurus on tropical grain and forage legumes 082377
Hidden harvest: a systems approach to postharvest technology 090029
Arab nations join Canada and other donors in establishing new agricultural centre [cereals, legumes] 111872
Food legume processing and utilization 118372
Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530
Preliminary results of intercropping trials in Zaire with maize and certain legumes 197225
Selection criteria in intercrop breeding [Tanzania, cereals, leguminous grains and vegetables, oil herbs and bushes] 197434
IBPGR and FAO programs for the collection of crop germ plasm and its long-term conservation [International Board for Genetic Resources; tuber and root crops, grain legumes, cereals] 197737
Hidden harvest: a systems approach to postharvest technology [leguminous grains and vegetables, cereals] 207403
Food legume processing and utilization, with special emphasis on application in developing countries 295391
[Summaries of papers presented during the Fourth Symposium of the International Society for Tropical Root Crops [cassava, leguminous grains and vegetables]] 298242
Tentative nutritional objectives in the major food crops for plant breeders cereals, leguminous grains 299205
Breeding strategy for the nutritional improvement of pulses [leguminous grains and vegetables] 299206
[Maiduguri mill project: grain milling and utilization in West Africa [processed cereals, leguminous grains and cereals, Nigeria]] 305956
Biological assays for protein quality [leguminous grains and vegetables] 306506
Calculation of the nitrogen-to-protein conversion factor [leguminous grains, cereals] 306507
A short summary of methods of testing grains, seeds, and related products for protein content 306508
The problem of legume protein digestibility [leguminous grains] 306747
Nutritional standards and methods of evaluation for food legume breeders [Tropics] 306890
Thesaurus on tropical grain and forage legumes 396089
Food legume production in the Hashemite Kingdom of Jordan 434667
FAO food legume programs in the Middle East and North Africa 434668
Food legume production and improvement in Iran 434669
Food legume improvement in the People's Democratic Republic of Yemen 434670
The training and communications program at ICARDA [leguminous vegetables, arid zone] 434671
Accentuation of weed control problems in the dry areas with relevance to herbicides in food legumes 434672
Food legume improvement in Tunisia 434673
Food legume diseases in North Africa 434674
Food legumes in Syria 434675
Grain legume production in Turkey 434676
Food legumes in the farming system: a case study from Northern Syria 434677
Food legume production: the contribution of West Asia and North Africa to the world situation [Arab countries, Middle East] 434678
Diseases of major food legume crops in Syria 434679
Some aspects of the agroclimatology of West Asia and North Africa [Arab countries, Middle East] 434680
Food legume improvement and development [Middle East, Arid Zone] 434681
Production and improvement of grain legumes in Egypt 434682
The role of symbiotic nitrogen fixation in food legume production [Middle East] 434683
Insect pests of food legumes in the Middle East [North Africa] 434684
Some insect pests of leguminous crops in Syria 434685
Pollinating insects: a review [leguminous vegetables, Middle East] 434686
Food legumes in Algeria 434687
The role of IDRC in food legume improvement research [arid zone] 434688
Food legume production and improvement in Lebanon 434689
Genetic resources of grain legumes in the Middle East 434690
Food legumes in Iraq 434691
Food legume disease in Ethiopia 434692
The food legume improvement and development program of the Field Crops Section at ACSAD [arid zone] 434693
Food legume research and production in Cyprus 434694
Food legume research and development in the Sudan 434695
Some agronomic and physiological aspects of the important food legume crops in West Asia [Middle East] 434696
Nutritional quality and importance of food legumes in the Middle Eastern diet 434697
Food legumes in India 434698
Status of food legume production in Afghanistan 434699

Food legume production in Libya

445871

Lentils (*Lens esculenta*)

- Strategies for the genetic improvement of lentils, broad beans, and chick peas, with special emphasis on research at ICARDA [arid zone] 434716
Insect pests of chick pea and lentils in the countries of the Eastern Mediterranean: a review 434722

M

Maize (*Zea mays*)

- Cereal quality control program at the Centro Internacional de Mejoramiento de Maiz y Trigo 009188
Kenya scientists work to improve crops that balance maize diet [pigeon peas] 111882
Rhizosphere populations in intercropped maize and soybeans 196431
Experiments with maize-bean and maize-potato mixed crops in an area with two short rainy seasons in the highlands of Kenya 197222
A limited objective approach to the design of agronomic experiments with mixed crops [maize, beans, Kenya] 197223
Measuring plant density effects on insect pests in intercropped maize-cowpeas [Tanzania] 197234
Preliminary results of intercropping trials in Zaire with maize and certain legumes 197225
Intercropping for increased and more stable agricultural production in the semi-arid tropics [millet, pigeon peas, maize] 197226
Studies on mixtures of maize and beans with particular emphasis on the time of planting beans 197227
An appraisal of some intercropping methods in terms of grain yield, response to applied phosphorus, and monetary return from maize and cowpeas 197231
Effects of maize height difference on the growth and yield of intercropped soybeans 197232
Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197222
Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
Attempted control of virus incidence in cowpeas by the use of barrier crops [maize, rice, soybeans, Nigeria] 200729
Life-cycle swine feeding systems with cassava [soybean, maize, tropics] 303422
The economic replacement of maize by cassava root meal in starter grower, developer and layer diets 324886
The substitution of maize by cassava root meal in swine ration 324888
An evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in starter, grower, developer and layer diets 324895
An evaluation of the comparative feeding value of cassava root meal, sorghum, maize and rice by-products as energy sources for pigs 324897
Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
An evaluation of the replacing value of cassava root meal for maize, sorghum or rice by-products in broiler rations 456001
Evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in layer diets 456002

Marine fishes - general

- [Breeding milkfish in captivity by artificial insemination in Southeast Asia] 206410

Marine fishes - other

- Siganidae (the rabbitfish): a bibliography 794618

Meristems

- Propagation of bamboos by clonal methods and by seed 798748

Milkfish

- Chanos chanos (the milkfish): a bibliography 794564

Millets

- Intercropping for increased and more stable agricultural production in the semi-arid tropics [millet, pigeon peas, maize] 197236

COMMODITIES INDEX

- Effects of crop combinations and planting configurations on the growth and yield of soybeans, millet, and sorghum in intercropping [Tanzania] 197256
- Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197722
- Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
- Sorghum and millet [processed cereals] 441626
- Polyphenols in Pennisetum millet 511861
- Molluscs - general**
- Strombus gigas* (the Queen Conch) and *Turbinella pyrum* (the Indian Chank): a selected bibliography 794656
- Mung beans (*Vigna mungo*, *Vigna radiata radiata*)**
- Rice based cropping system involves mungbean [*Vigna radiata* (L.) Wilezek] in Central Thailand 527739
- Components of growth and yield of mungbean [*Vigna radiata* (L.) Wilezek] when grown after rice in cropping system 527759
- Effect of repeat pre-plant application of glyphosate on purple nutsedge population in mungbean-rice sequential cropping [in Thailand] 527760
- Effect of surface management on soil moisture profile and water use efficiency of mungbean grown as a rotation crop after rice [Thailand] 527761
- Role of pest management on mungbean in multiple cropping system [Thailand] 529333
- Effect of pre-emergence herbicide in weed number and yield of mungbean when grown by row planting and broadcasting method [in Thailand] 530297
- Purple nutsedge [*Cyperus rotundus*] control with fourth application of glyphosate in mungbean grown after rice [in Thailand] 530298
- O**
- Oil crops - general**
- Intercropping in semi-arid areas [cereals, vegetables, oil crops] 197218
- Oil herbs and bushes - general**
- Selection criteria in intercrop breeding [Tanzania, cereals, leguminous grains and vegetables, oil herbs and bushes] 197434
- Okra (*Hibiscus esculentus*)**
- Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa] 197277
- Oysters**
- Increasing the availability of fish and fish products in Southeast Asia [oysters] 117419
- Tropical oysters: culture and methods 563665
- P**
- Parasitic worms (other than nematodes)**
- Cross-reacting determinants in trypanosome surface antigens [bovines] 478240
- Antigenic heterogeneity of bloodstream and metacyclic forms of *T. brucei* [bovines] 478241
- Pharmacologically active substances in *T. brucei* infections [bovines, rabbits, Africa South of Sahara] 478243
- Rodent trypanosomiasis [bovines] 478246
- Erythrotoxic response in bovine trypanosomiasis [bovines] 478247
- Effects of *T. congolense* and *T. brucei* on the circulatory volumes of cattle [Africa South of Sahara] 478248
- Mechanisms of antigenic variation in salivarian trypanosomes [bovines] 478249
- Effect of bovine trypanosomiasis on hematopoiesis 478257
- Infections caused by pathogenic African trypanosomes [bovines] 478260
- Organ and tissue weights in diseases caused by *T. vivax* and *T. congolense* [bovines, Africa South of Sahara] 478261
- Pancytopenia in bovine trypanosomiasis 478262
- Hemodilution in bovine trypanosomiasis 478263
- Lymphoid changes in African trypanosomiasis [Kenya] 478264
- Pathogenesis of tissue lesions in *T. brucei* infections [bovines, dogs, Africa South of Sahara] 478265
- Parasitemia and host susceptibility to African trypanosomiasis [bovines] 478266
- Anemia of bovine African trypanosomiasis: an overview 478267
- Ultrastructural changes in blood vessels of tissues of cattle experimentally infected with *Trypanosoma congolense* and *T. vivax*: a preliminary report [Kenya] 478268
- The metabolism of African trypanosomes in relation to pathogenic mechanisms [bovines] 478269
- Complement in experimental trypanosomiasis [bovines] 478270
- Changes in the immune system during experimental African trypanosomiasis [bovines] 478275
- Immunosuppression of humoral immune response in bovine trypanosomiasis [Africa South of Sahara] 478276
- Is the anemia in bovine trypanosomiasis caused by immunologic mechanisms? 478280
- Serum protein changes in bovine trypanosomiasis: a review 478281
- Biologically active lipids generated by autolysis of *T. congolense* [bovines] 478282
- Pathology of *T. congolense* in calves 478284
- Biology and ultrastructure of trypanosomes in relation to pathogenesis [bovines] 478285
- Immunity in the bovine to *T. congolense* induced by self-cure or chemotherapy 478286
- Pharmacologically active substances in *T. vivax* infections [bovines] 478288
- Trypanosomiasis of game animals 489020
- Pastures and feed crops - general**
- Agriculture, Food and Nutrition Sciences Division: the first five years [cereals, leguminous grains and vegetables, cassava, pastures and feed crops, domesticated mammals, aquatic animals] 193530
- Pastures and feed crops - other**
- Description of sugarcane feeds: nomenclature and nutritional information 507881
- Systems of analysis for evaluating fibrous feeds 507882
- Peas (*Pisum sativum*)**
- Broad beans (*Vicia faba*) and dry peas (*Pisum sativum*) in Ethiopia 434721
- Pests - general**
- Integrated control of diseases and pests of cassava 597712
- Pigeon peas (*Cajanus cajan*)**
- Anyone for instant yams? [pigeon peas, production, Caribbean] 082403
- Kenya scientists work to improve crops that balance maize diet [pigeon peas] 111882
- Intercropping for increased and more stable agricultural production in the semi-arid tropics [millet, pigeon peas, maize] 197226
- Intercropping as a means of producing off-season tomatoes during the hot summer months in the Sudan [pigeon peas] 197281
- Problems of nutritional quality of pigeon pea and chick-pea and prospects of research 306517
- Pines (*Pinus* spp.)**
- Research aims at improving Jordan's reforestation effort [pine, eucalyptus, acacia, cypress] 114414
- Plants utilized by man - general**
- Food systems 479025
- Potatoes (*Solanum tuberosum*)**
- Making potatoes available in the tropics [processing] 118340
- The allocative efficiency of Fijian root crop producers [cassava, potatoes, taro, yams] 194481
- Experiments with maize-bean and maize-potato mixed crops in an area with two short rainy seasons in the highlands of Kenya 197222
- Adaptation of cultivated potatoes to the lowland tropics [Peru] 197623
- The utilization of "bitter" potatoes in the cold tropics of Latin America [*Solanum juzepczukii*, *S. curtilobum*] 208521
- Utilization of potatoes in the tropics 208525
- [Use of potato in the tropics] 290065
- [Preliminary results in the adaptation of potato to the lowland tropics] 299153
- [Utilization of bitter potatoes in the cold tropics of Latin America] 306469
- [Potato production and utilization in Chile [*Solanum tuberosum*]] 547157

COMMODITIES INDEX

Processed cereals

- [Maiduguri mill project; grain milling and utilization in West Africa
[processed cereals, leguminous grains and cereals, Nigeria]] 305956
Sorghum and millet [processed cereals] 441626

Protozoan diseases

- The pathogenesis of *Trypanosoma congolense* infection in calves. IV.
The inetics of blood coagulation 521704
The pathogenesis of *Trypanosoma congolense* infection in calves. V.
Quantitative histological changes 521714
The pathogenesis of *Trypanosoma congolense* infection in calves. II.
Anemia and erythroid response 532643

R

Rabbits and hares

- Pharmacologically active substances in *T. brucei* infections [bovines,
rabbits, Africa South of Sahara] 478243

Radishes (*Raphanus sativus*)

- Some aspects of the productivity and resource use of mixtures of
sunflower and fodder radish [Uganda] 197259

Rape (*Brassica napus*)

- Two projects to help grain production and milling in Africa
[Rwanda, Botswana, cereals, oilseeds, sunflower, rape] 143084

Rattans (*Calamus* spp. and *Daemonorops* spp.)

- Rattan [Singapore] 560300
Rattan: tremendous scope for use and research 561939

Rice (*Oryza*)

- Current programs of the International Rice Research Institute 008521
Current status of the padi and rice industry in Malaysia 008581
Intensification of cropping systems in Asia 008788
Post-harvest protection and processing of rice 008797
Rice: postharvest technology [training manual] 110401
Asian scientists seek ways to reduce post-production losses in rice
crop 118321
Project to help rice production in 14 countries of West Africa
142227
Attempted control of virus incidence in cowpeas by the use of
barrier crops [maize, rice, soybeans, Nigeria] 200729
An evaluation of the replacing value of cassava root meal for maize,
broken rice or sorghum in starter, grower, developer and layer
diets 324895
An evaluation of the comparative feeding value of cassava root
meal, sorghum, maize and rice by-products as energy sources for
pigs 324897
An evaluation of the replacing value of cassava root meal for maize,
sorghum or rice by-products in broiler rations 456001
Evaluation of the replacing value of cassava root meal for maize,
broken rice or sorghum in layer diets 456002
Beyond Manila [rice] 474517
1977 annual report on cropping systems (in Thailand) project [Part
1: Studies in Ubon Ratchathani, Pimai, Inburi and Bangpae, Part
2: Cropping systems technology for rainfed and irrigated rice
areas] 503466
Rice based cropping system involves mungbean [*Vigna radiata* (L.)
Wilezek] in Central Thailand 527739
Components of growth and yield of mungbean [*Vigna radiata* (L.)
Wilezek] when grown after rice in cropping system 527759
Effect of repeat pre-plant application of glyphosate on purple
nutsedge population in mungbean-rice sequential cropping [in
Thailand] 527760
Effect of surface management on soil moisture profile and water use
efficiency of mungbean grown as a rotation crop after rice
[Thailand] 527761
Purple nutsedge [*Cyperus rotundus*] control with fourth application
of glyphosate in mungbean grown after rice [in Thailand] 530298

Root vegetables - general

- The integration of food and agriculture research in Asia 008519
Improvement and development of tropical root crops 011474
Proceedings of the Fourth Symposium of the International Society
for Tropical Root Crops [cassava] 193855
IBPGR and FAO programs for the collection of crop germ plasm
and its long-term conservation [International Board for Genetic

- Resources; tuber and root crops, grain legumes, cereals] 197737
Productivity of root crops 198056
Origin, evolution, and early dispersal of root and tuber crops
[tropics] 199432
[Efficiency of resources distribution to the root crop producers in
Fiji] 297230
[Summaries of papers presented during the Fourth Symposium of
the International Society for Tropical Root Crops [cassava,
leguminous grains and vegetables]] 298242
[Abstracts of the fourth symposium of the International Society of
Tropical Edible Root Crops] 298243
[Root crops productivity] 298244
[Origin, evolution and early spread of roots and tubers] 300069
[A feeding supply system based on root crops] 303666

Root vegetables - other

- [*Cyrtosperma chamissonis* (Shott) Merr. (giant *Colocasia* of the
swamps), a not well known food crop from Asian Pacific [root
vegetable]] 300071

Ruminants - general

- Cassava as a feed source for ruminants [tropics] 303421
Improving the quality of cassava root and leaf product technology
[ruminants, tropics] 303427
Theileriosis in Somalia [ruminants] 304474
Theileriosis [ruminants, bovines, Tropics] 304476
Theileriosis in Pakistan [ruminants] 304478
[Use of coffee pulp in feeding ruminants [*Coffea arabica*]] 436986
Relationship to INFIC: feed data documentation and standardized
methods 507903
Prediction of energy digestibility of forages with in vitro rumen
fermentation and fungal enzyme systems [ruminants, domesticated
birds] 507904
Standardization of procedures [ruminants, domesticated birds] 507908
Application of practical rationing systems [ruminants, domesticated
birds] 508129
Trade and legal aspects of analytical techniques for feeds
[ruminants, domesticated birds] 508130
Evaluation of the energy value of feeds: overall appreciation
[ruminants, domesticated birds] 508131
Relationships of conventional and preferred fractions to determined
energy values [ruminants, domesticated birds] 508133
Problems of standardization of units to describe the energy value of
feedstuffs [ruminants, domesticated birds] 508134
Feed evaluation systems for the tropics of Latin America [ruminants,
domesticated birds] 508135
Appreciation of the nitrogen value of feeds for ruminants 541656

Rye (*Secale*)

- Meiotic, gametophytic, and early endosperm development in tritcale 006418
Broadening of the tritcale germ plasm base by primary hexaploid
tritcale production 006419
Production of tritcale germ plasm 006421
Extending adaptability and sources of new genetic variability in
tritcale 006425

S

Seeds

- Propagation of bamboos by clonal methods and by seed 790748

Shea butter oil

- The butter tree [methods of shea butter production] 824383

Sheep

- Theileriosis in ruminants of Iran [sheep] 304594
Sheep as pilot animals 508003

Shrimps and prawns

- Provisional bibliography: fish by-catch from shrimp trawling 601040

Sorghums (*Sorghum* spp.)

- If you have this sorghum why bother with wheat? [production,
breeding] 082213
Multi-faceted research on sorghum in Ethiopia, Senegal and
Canada 111725
Two projects to help grain production and milling in Africa
[Rwanda, Botswana, cereals, oilseeds, sunflower, rape] 143084
Intercropping with sorghum at Alemaya, Ethiopia 197241

COMMODITIES INDEX

- Effects of crop combinations and planting configurations on the growth and yield of soybeans, millet, and sorghum in intercropping [Tanzania] 197256
- Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197722
- Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
- Pest control in mixed cropping systems [sorghum, cowpeas, Tanzania] 200204
- An evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in starter, grower, developer and layer diets 324895
- An evaluation of the comparative feeding value of cassava root meal, sorghum, maize and rice by-products as energy sources for pigs 324897
- Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping; relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
- An evaluation on economic levels of nitrogen and phosphorus fertilizers for sorghum [at Khon Kaen in Thailand] 398561
- Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
- Sorghum breeding [evaluation and screening of segregating materials, crossing and yield trials at Khon Kaen in Thailand] 398981
- Sorghum diseases [grey leaf spot caused by *Cercospora sorghi* at Khon Kaen in Thailand] 401161
- Sorghum and millet [processed cereals] 441626
- An evaluation of the replacing value of cassava root meal for maize, sorghum or rice by-products in broiler rations 456801
- Evaluation of the replacing value of cassava root meal for maize, broken rice or sorghum in layer diets 456802
- Sorghum polyphenols and bird resistance 511869
- Biochemical effects of sorghum polyphenols 511870
- Treatments of sorghum grain that reduce the assayable tannin content and their effect on the nutritional value of the grain 511871
- Factors affecting the polyphenols of sorghum and their development and location in the sorghum kernel 511872
- Sowing and planting equipment**
- Mechanical planting and other cassava cultural practices in Cuba 594650
- Soybean (*Glycine max*)**
- Rhizosphere populations in intercropped maize and soybeans 196431
- Effects of maize height difference on the growth and yield of intercropped soybeans 197232
- Effects of crop combinations and planting configurations on the growth and yield of soybeans, millet, and sorghum in intercropping [Tanzania] 197256
- Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197722
- Attempted control of virus incidence in cowpeas by the use of barrier crops [maize, rice, soybeans, Nigeria] 200729
- Life-cycle swine feeding systems with cassava [soybean, maize, tropics] 303422
- Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping; relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
- Effects of NPK fertilizer and molybdenum on yield of soybean [at Khon Kaen in Thailand] 398587
- Soybean breeding [crop environment, diversity in the KRU [Khon Kaen University] soybean collection, yield trials and effect of population densities on yield and other characteristics at Khon Kaen in Thailand] 399077
- A study on seasonal distribution of leaf miner and leaf roller populations [in soybean, peanut, mungbean and cowpea at Khon Kaen in Thailand] 400805
- A study on seasonal distribution of bean fly population [in soybean, mungbean and cowpea at Khon Kaen in Thailand] 400806
- Starches**
- World market prospects for cassava and its products 006059
- The cassava industry of the Philippines 006174
- Problems and prospects in cassava production in India 006176
- Speciality food starches 006162
- Stylosanthes**
- Undersowing cassava with stylo [santhes] grown under coconut [Bali] 197276
- [Planting cassava and stylo under coconut shadow [multiple cropping]] 299032
- Sugar-cane (*Saccharum officinarum*)**
- Waste not, want not [livestock feeding, coffee pulp, sugar cane] 087045
- [New sources of energy for animal consumption] 101663
- Description of sugarcane feeds: nomenclature and nutritional information 507881
- Sunflower (*Helianthus annuus*)**
- Two projects to help grain production and milling in Africa [Rwanda, Botswana, cereals, oilseeds, sunflower, rape] 143084
- Some aspects of the productivity and resource use of mixtures of sunflower and fodder radish [Uganda] 197259
- Sweet potatoes (*Ipomoea batatas*)**
- The cassava industry of the Philippines 006174
- Sweet potato production in Hawaii 195863
- Sweet potato production, handling, curing, storage, and marketing in North Carolina 195865
- Phosphorus requirements of three sweet potato cultivars [Tib 3, Tib 4, Tis 2534] 197051
- Sweet potato breeding using wild related species [Ipomoea, Japan] 197745
- Sweet potato clones adapted for Libyan agriculture 197747
- Synonymy in sweet potato virus diseases 200752
- Effect of mosaic on the yield of sweet potatoes in Uganda [Kyebandula variety] 200753
- Mechanization of yam and sweet potato production in Barbados 206865
- [Production, handling, preservation, storage and marketing of yam in North Carolina] 296595
- [Mechanization of yam and sweet potato crops in Barbados] 296256
- [Sweet potato breeding with related native species [Ipomoea]] 299216
- [Sweet potato clones adapted to Libya agriculture] 299217
- [Effect of mosaic on the yam yield in Uganda] 301168
- [Phosphorus requirements by three sweet potato varieties] 320400
- Swine**
- Utilization of cassava-based diets in swine feeding [Tropics] 203265
- Utilization of cassava as a carbohydrate source for pigs 203266
- Utilization of nutritionally improved cassava in poultry and pig diets 203267
- [Use of rations balanced with cassava in pigs feeding] 303067
- [Use of cassava as a carbohydrate source for pigs] 303068
- [Use of nutritionally improved cassava in rations for chickens and pigs] 303260
- Life-cycle swine feeding systems with cassava [soybean, maize, tropics] 303422
- Cassava in the nutrition of swine [tropics] 303424
- The substitution of maize by cassava root meal in swine ration 324888
- An evaluation of the comparative feeding value of cassava root meal, sorghum, maize and rice by-products as energy sources for pigs 324897
- Biological titration of Thai cassava root products of various quality grades, 1: high-quality root chips in pig rations 324898
- [Coffee pulp in feeding swine [Coffea arabica]] 439173
- Biological titration [with pigs] of Thai cassava root products of various quality grades, trial 2 447902
- Biological titration [with pigs] of Thai cassava root products of various quality grades, trial 2 447905
- Effect of supplementation of cassava-based diets on growth performance of pigs 447906
- Waste water [pigs] treatment and resource recovery 564062
- T**
- Tomatoes (*Lycopersicon esculentum*)**
- Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa] 197277
- Intercropping as a means of producing off-season tomatoes during the hot summer months in the Sudan [pigeon peas] 197281

COMMODITIES INDEX

Turkeys

Nutritional value of tritcale as high-protein feed for poultry 007485

V

Various animals utilized by man - other

A partly annotated bibliography on infections, parasites, and diseases of African wild animals 457997

Vegetables - general

The integration of food and agriculture research in Asia 008519
Intercropping in semi-arid areas [cereals, vegetables, oil crops] 197218

W

Wheat (*Triticum* spp.)

Preliminary report on the cytogenetics of tetraploid X diploid wheat crosses 006401
Meiotic, gametophytic, and early endosperm development in tritcale 006418
Broadening of the tritcale germ plasm base by primary hexaploid tritcale production 006419
Production of tritcale germ plasm 006421
Extending adaptability and sources of new genetic variability in tritcale 006425
Introduction of new forms and types from wheat and tritcale 006434
Future role of triticales in agriculture 006436

Y

Yams (*Dioscorea*)

Anyone for instant yams? [pigeon peas, production, Caribbean] 0082403
The allocative efficiency of Fijian root crop producers [cassava, potatoes, taro, yams] 194481
Effect of soil compaction on leaf number and area, and tuber yield of White Lisbon yam [*Dioscorea alata*] 196642
Effect of potassium on tuber yield and nutrient uptake of yams [*Dioscorea cayenensis*, *D. rotundata*, *D. alata*, Nigeria] 197052
Vegetative and sexual management in food yam improvement [*Dioscorea alata*, *D. cayenensis*, *D. trifida*] 197748
Selected yam varieties for the tropics [*Dioscorea*] 197749
A review of sexual propagation for yam improvement [*Dioscorea rotundata*, Nigeria] 197750
Incidence, symptomatology, and transmission of a yam virus in Nigeria 200754
Mechanization of yam and sweet potato production in Barbados 206865
[Mechanization of yam and sweet potato crops in Barbados] 298256
[Effect of soil compaction on leaf area, leaf number and tuber yield of yam, Lisboa Blanca variety] 298728
[Potassium effect on yams tuber production and nutrient uptake] 298941
[Vegetative and sexual management in yams food quality improvement [plant breeding]] 299218
[Yam selected varieties for the tropics] 299220
[A review of sexual propagation for the improvement of yam with emphasis in *Dioscorea rotundata*] 299222
[Incidence, symptomatology and transmission of yam virus in Nigeria] 301172

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

A

Afghanistan

- Status of food legume production in Afghanistan 434699

Africa

- International Development Research Centre programs in agriculture, fisheries, forestry and food science 005999
Combined effort combats African cattle killers 151367
Future directions of intercropping and farming systems research in Africa 197196
Factors affecting the incidence of cassava bacterial blight in Africa 200751
Social change and internal migration. A review of research findings from Africa, Asia, and Latin America 265468
[Factors affecting cassava bacterial smut incidence in Africa] 301167
Influence of shade and intercropping on the incidence of cassava bacterial blight [Africa] 401333
People's Republic of Benin [country statement, on cassava blight, Africa] 401337
Breeding for resistance to cassava bacterial blight [Africa] 401338
Survival of *Xanthomonas manihotis*, the cassava bacterial blight pathogen [Africa] 401340
A partly annotated bibliography on infections, parasites, and diseases of African wild animals 457997
Intercropping with cassava in Africa 503515
An end to pounding [cereals] 564142
Cassava planting systems in Africa 594647
Soil and water conservation and management for cassava production in Africa 595786
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755

Africa South of Sahara

- Breeding for resistance to African cassava mosaic disease: progress and prospects 144254
Possibilities for economic research into cassava production systems in Africa [Africa south of Sahara] 185592
Improvement of cassava at the International Institute of Tropical Agriculture [Africa south of Sahara, Nigeria] 187390
Cooperative testing and selection [cassava, Africa south of Sahara] 187391
The international exchange and testing of cassava germ plasm in Africa [Africa south of Sahara] 187392
Germination and pollination [cassava, Africa south of Sahara] 187928
Major pests of cassava in Africa and preliminary guidelines for screening or resistance [Africa south of Sahara] 188520
Cassava bacterial blight in Africa [Africa south of Sahara] 188906
Description and evaluation of cassava mosaic disease in Africa 188907
Pharmacologically active substances in *T. brucei* infections [bovines, rabbits, Africa South of Sahara] 478243
Effects of *T. congolense* and *T. brucei* on the circulatory volumes of cattle [Africa South of Sahara] 478248
Organ and tissue weights in diseases caused by *T. vivax* and *T. congolense* [bovines, Africa South of Sahara] 478261
Parasitemia and host susceptibility to African trypanosomiasis [bovines] 478266
Anemia of bovine African trypanosomiasis: an overview 478267
The metabolism of African trypanosomes in relation to pathogenic mechanisms [bovines] 478269
Changes in the immune system during experimental African trypanosomiasis [bovines] 478275
Immunosuppression of humoral immune response in bovine trypanosomiasis [Africa South of Sahara] 478276

Algeria

- Triticale research program in Algeria 006147
Improving on alfalfa: the grass that gives jobs to 20000 Tunisian families [esparto, *Stipa tenacissima*, Algeria] 109100
Food legumes in Algeria 434687

Arab Countries

- Arab nations join Canada and other donors in establishing new agricultural centre [cereals, legumes] 111872

- Food legume production: the contribution of West Asia and North Africa to the world situation [Arab countries, Middle East] 434678
Some aspects of the agroclimatology of West Asia and North Africa [Arab countries, Middle East] 434680
Nutritional quality and importance of food legumes in the Middle Eastern diet 434697
The biology and control of *Orobanche*: a review [edible aroids, Arab countries] 434749

Asia

- The integration of food and agriculture research in Asia 008519
Intensification of cropping systems in Asia 008788
Post-harvest protection and processing of rice 008797
Rice: postharvest technology [training manual] 110401
Cassava research brings results [Asia, Latin America] 111886
Social change and internal migration. A review of research findings from Africa, Asia, and Latin America 265468
[*Cyrtosperma chamissonis* (Shott) Merr. (giant Colocasia of the swamps), a not well known food crop from Asian Pacific [root vegetable]] 300071
Cassava planting systems in Asia 594654
Bamboos in the Asia-Pacific region 790749

B

Bangladesh

- The integrated rural development programme in Bangladesh 074555
The Gonoshasthya Kendra project of Bangladesh 074633

Barbados

- Mechanization of yam and sweet potato production in Barbados 206865
[Mechanization of yam and sweet potato crops in Barbados] 298256

Benin

- People's Republic of Benin [country statement, on cassava blight, Africa] 401337

Botswana

- Two projects to help grain production and milling in Africa [Rwanda, Botswana, cereals, oilseeds, sunflower, rape] 143084

Brazil

- Brazil [report on cassava] 076029
Mealy bug attack on cassava in Amazonia [*Phenacoccus* sp., Brazil] 200206
[Coccids attack cassava in the Amazon Region [*Phenacoccus*, Brazil]] 300622
Cassava intercropping in Brazil 515156
Cassava production and planting systems in Brazil 594648
Double row planting systems for cassava in Brazil 595709

Burundi

- Theileriosis in Burundi [cattle] 304524

C

Canada

- Program thrusts of the International Development Research Centre [Canada] toward accelerating agricultural development 091310
[International Development Research Centre [Canada] Annual review 1975] 109006
Multi-faceted research on sorghum in Ethiopia, Senegal and Canada 111725
Arab nations join Canada and other donors in establishing new agricultural centre [cereals, legumes] 111872
Letter of agreement between the International Development Research Centre of Canada (IDRC) and IICA re: a supplementary grant 185092
[International Development Research Center (IDRC), Ottawa, Canada] 264486
Canada's role in world agricultural development 297475

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

- [First five years of the Division of agricultural Sciences, Food and Nutrition [Canada]] 490302
- Canada - Manitoba**
- Progress in the development of tritiale in Canada 006427
- Caribbean**
- Anyone for instant yams? [pigeon peas, production, Caribbean] 002403
- Dossier: Latin America and the Caribbean. Diversity and development 546409
- Central Africa**
- Immunization of cattle against Theileria parva [East and Central Africa] 304490
- Central America**
- Intercropping with cassava in Central America 503520
- [Report of the research project for small farmers in semi-arid areas of the Central American Isthmus, 1979, April 1980 under CIID (Canada) financing] 684099
- Central Europe**
- Triticale breeding experiments in Eastern Europe 006424
- Chile**
- Triticale breeding experiments in Chile 006432
- [Potato production and utilization in Chile [Solanum tuberosum]] 547157
- China**
- Compost, fertilizer, and biogas production from human and farm wastes in the People's Republic of China 398509
- Fisheries and aquaculture in the People's Republic of China 563635
- Dissemination of scientific [agriculture, extension] information in the People's Republic of China 564743
- Rural water supply in China [technical information] 752770
- The biology and artificial propagation of farm fishes and grass carp and silver carp: the production of fry [China] 794698
- Rural water supply in China 795167
- Colombia**
- Conceptual framework for a rural development program [Colombia] 074646
- Cassava germ plasm collection and advanced genetic material at CIAT [Colombia] 076033
- Colombia [report on cassava] 076034
- [World documentation center on cassava in Colombia] 103082
- Removing constraints to small farm production: the Caqueza Project 109964
- Removing constraints to small farm production: the Caqueza Project 109965
- [Semiannotated bibliography of publications held for the rural development project of Oriente Cundinamarca [Colombia]] 193450
- The importance of cassava processing in the economy of Colombia 194669
- [Experiences in rural development ICA-CIID [Colombia]] 194715
- The interaction of lime with minor elements and phosphorus in cassava production [Colombia] 197045
- Effect of potassium and sulfur on growth, yield, and composition of cassava [Colombia] 197047
- [Relevance of cassava processing in Colombia economy] 297231
- Pilot plant for single-cell protein production [cassava, Colombia] 303429
- [In a common field. Activities of CIID [Centro Internacional de Investigaciones para el Desarrollo, Colombia] in 1976-77 [aid for development]] 431475
- Caqueza: living rural development [mountain areas, Colombia] 443183
- Multiple cropping cassava and field beans; status of present work at the International Centre of Tropical Agriculture (CIAT) [Colombia] 515158
- [Caqueza: experiences on rural development transference of technology, training, agricultural credit, production, marketing [Colombia]] 526008
- Congo**
- People's Republic of the Congo [country statement, on cassava blight] 401334
- Cuba**
- Mechanical planting and other cassava cultural practices in Cuba 594650
- Cyprus**
- Food legume research and production in Cyprus 434694
- ### E
- East Africa**
- Recent advances in research on cassava viruses in East Africa 144252
- Screening and quarantine of cassava from East Africa [mosaic disease, Guinea] 144256
- The International Laboratory for Research on Animal Diseases [Kenya, East Africa, trypanosomiasis, theileriosis] 304037
- Immunization of cattle against Theileria parva [East and Central Africa] 304490
- Research projections on theileriosis at the East African Veterinary Research Organization [cattle] 304518
- Eastern Europe**
- Triticale breeding experiments in Eastern Europe 006424
- Ecuador**
- Ecuador [report on cassava] 076036
- Egypt**
- Planting shelterbelts of trees in Nigeria and Egypt to save farmland 111623
- Theileriosis in Egypt [cattle] 304497
- Production and improvement of grain legumes in Egypt 434682
- Methods of population improvement in broad bean breeding in Egypt 434718
- Broomrape (Orobancha crenata) resistance in broad beans: breedings work in Egypt [edible aroids] 434748
- Rural health care in Egypt 501643
- Rural health care in Egypt 546348
- Ethiopia**
- Triticale research program in Ethiopia 006148
- Multi-faceted research on sorghum in Ethiopia, Senegal and Canada 111725
- Intercropping with sorghum at Alemaya, Ethiopia 197241
- Food legume disease in Ethiopia 434692
- Broad beans (Vicia faba) and dry peas (Pisum sativum) in Ethiopia 434721
- Agricultural research systems in Ethiopia 468913
- Europe**
- Production and export control in Thailand and the marketing in Europe of tapioca pellets 006058
- Problems of the Thai tapioca trade 006060
- ### F
- FAO**
- [Programs of the IBPGR [International Board for Plant Genetic Resources] and FAO for crops germoplasm collection and its long term preservation] 299082
- FAO food legume programs in the Middle East and North Africa 434668
- Fiji**
- The allocative efficiency of Fijian root crop producers [cassava, potatoes, taro, yams] 194481
- [Efficiency of resources distribution to the root crop producers in Fiji] 297230
- Rural energy in Fiji: a survey of domestic rural energy use and potential 795029

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

G

Germany, Federal Republic of

- Research work with 4x-triticale in Germany (Berlin) 006426

Ghana

- Control of cassava bacterial blight in Ghana 401335
Ghana [country statement, on cassava blight] 401341

Guatemala

- Guatemala [report on cassava] 076031

Guinea

- Screening and quarantine of cassava from East Africa [mosaic disease, Guinea] 144256

Guyana

- Characteristics of indigenous and introduced cultivars of cassava in Guyana [yields] 197739
[Characteristics of native and introduced cassava cultivars in Guyana] 299214

I

India

- Problems and prospects in cassava production in India 006176
Prospects of triticale as a commercial crop in India 006438
Improvement of crops and their relationship to nutrition and food science technology in the semi-arid tropics 008518
Triticale breeding experiments in India 009209
Development in the dairy and livestock cooperatives in India 009926
India [report on cassava] 076032
Effect of farm yard manure and NPK on cassava [India] 197046
Bovine theileriosis in India 304502
Food legumes in India 434698
Intercropping systems with cassava in Kerala State, India 503519
Cassava intercropping patterns and management practices at Tamil Nadu Agricultural University, Coimbatore, India 503521
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755

India - Kerala

- Intercropping systems with cassava in Kerala State, India 503519

India - Tamil Nadu

- Cassava intercropping patterns and management practices at Tamil Nadu Agricultural University, Coimbatore, India 503521

Indonesia

- Technology of cassava chips and pellets processing in Indonesia, Malaysia and Thailand 008163
The community development service in Yogyakarta, Indonesia 074662
Integrated approach to local rural development in Indonesia 074691
Indonesia [report on cassava] 076030
The Mukibat system of cassava production [Manihot glaziovii, M. esculenta, Indonesia] 195860
Cassava intercropping patterns and management practices in Indonesia 503514
Bamboo taxonomy in the Indo-Malesian region 789259

Indonesia - Bali

- Undersowing cassava with stylo [santhes] grown under coconut [Bali] 197276

Iran

- Triticale research program in Iran 006149
Theileriosis in ruminants of Iran [sheep] 304594
Food legume production and improvement in Iran 434669

Iraq

- Food legumes in Iraq 434691

J

Japan

- Sweet potato breeding using wild related species [Ipomoea, Japan] 197745

Jordan

- Research aims at improving Jordan's reforestation effort [pine, eucalyptus, acacia, cypress] 114414
Food legume production in the Hashemite Kingdom of Jordan 434667

K

Kenya

- Triticale program and potential in Kenya 006431
Kenya scientists work to improve crops that balance maize diet [pigeon peas] 111882
Cassava in Kenya 142355
Experiments with maize-bean and maize-potato mixed crops in an area with two short rainy seasons in the highlands of Kenya 197222
A limited objective approach to the design of agromonic experiments with mixed crops [maize, beans, Kenya] 197223
Field control of cassava mosaic in Coast Province, Kenya 200746
[Field control of cassava mosaic in the coast province of Kenya] 301157
The International Laboratory for Research on Animal Diseases [Kenya, East Africa, trypanosomiasis, theileriosis] 304037
Research in theileriosis at the Faculty of Veterinary Medicine, University of Nairobi [cattle] 304357
Studies on Rhipicephalus appendiculatus at the International Centre of Insect Physiology and Ecology, Nairobi, Kenya cattle 304358
Theileriosis in Kenya [cattle] 304495
Lymphoid changes in African trypanosomiasis [Kenya] 478264
Pathogenesis of tissue lesions in T. brucei infections [bovines, dogs, Africa South of Sahara] 478265
Ultrastructural changes in blood vessels of tissues of cattle experimentally infected with Trypanosoma congolense and T. vivax: a preliminary report [Kenya] 478268
Immunity in the bovine to T. congolense induced by self-cure or chemotherapy 478286

Korea, Republic of

- Rural development in Korea: the Saemaeul Movement 074696

L

Latin America

- [A bibliography on research in communication for the rural development in Latin America] 081175
[Green evolution with multiple crops [Latin America]] 099109
Cassava research brings results [Asia, Latin America] 111886
Bibliography on communications research for rural development in Latin America 194686
Social change and internal migration. A review of research findings from Africa, Asia, and Latin America 265468
[Utilization of bitter potatoes in the cold tropics of Latin America] 306469
Rural women and development [in Latin America] 451251
Feed evaluation systems for the tropics of Latin America [ruminants, domesticated birds] 508135
Dossier: Latin America and the Caribbean. Diversity and development 546409
[Rural woman and development: new approach of home economics in Latin America] 684307
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755

Lebanon

- Food legume production and improvement in Lebanon 434689

Libyan Arab Jamahiriya

- Sweet potato clones adapted for Libyan agriculture 197747
[Sweet potato clones adapted to Libya agriculture] 299217
Food legume production in Libya 445071

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

M

Malawi

- Theileriosis in Malawi [cattle] 304521

Malaysia

- Technology of cassava chips and pellets processing in Indonesia, Malaysia and Thailand 008163
Current status of the padi and rice industry in Malaysia 008581
Increasing the potential of cassava through improved processing techniques and nutritional enrichment 014334
An integrated approach to rural development in Malaysia 074619
Malaysia [report on cassava] 076028
Cassava intercropping patterns and practices in Malaysia 503513
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755
Bamboo taxonomy in the Indo-Malaysian region 789259

Mediterranean Countries

- The Mediterranean: a threatened microcosm [climate, natural and human resources, technological revolution] 254400
Insect pests of chick pea and lentils in the countries of the Eastern Mediterranean: a review 434722

Mediterranean Sea

- The Mediterranean: a threatened microcosm [climate, natural and human resources, technological revolution] 254400

Mexico

- Extending adaptability and sources of new genetic variability in triticale 006425
Early steps in triticale breeding at CIMMYT 006433
Introduction of new forms and types from wheat and triticale 006434
The triticale improvement program at CIMMYT 006439
Cereal quality control program at the Centro Internacional de Mejoramiento de Maiz y Trigo 009188
Mexican scientists work to improve pasture management, cut milk and meat costs 115375

Middle East

- FAO food legume programs in the Middle East and North Africa 434668
Food legume production: the contribution of West Asia and North Africa to the world situation [Arab countries, Middle East] 434678
Some aspects of the agroclimatology of West Asia and North Africa [Arab countries, Middle East] 434680
Food legume improvement and development [Middle East, Arid Zone] 434681
The role of symbiotic nitrogen fixation in food legume production [Middle East] 434683
Insect pests of food legumes in the Middle East [North Africa] 434684
Pollinating insects: a review [leguminous vegetables, Middle East] 434686
Genetic resources of grain legumes in the Middle East 434690
Some agronomic and physiological aspects of the important food legume crops in West Asia [Middle East] 434696
The ICRISAT chick pea program with special reference to the Middle East 434723
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755

Mozambique

- Theileriosis in Mozambique [cattle] 304547

N

Nigeria

- Cassava germ plasm resources, disease incidence and phytosanitary constraints at IITA, Nigeria 076038
Planting shelterbelts of trees in Nigeria and Egypt to save farmland 111623
Characterization studies of cassava mosaic agents Nigeria 144257
A note on the IITA training program [cassava, Nigeria] 185091
Improvement of cassava at the International Institute of Tropical

- Agriculture [Africa south of Sahara, Nigeria] 187390
Effect of potassium on tuber yield and nutrient uptake of yams [Dioscorea cayenensis, D. rotundata, D. alata, Nigeria] 197052
Developing mixed cropping systems relevant to the farmers' environment [Nigeria] 197206
Mixed cropping research at the Institute for Agricultural Research, Samaru, Nigeria [cereals, cotton] 197217
Development of cowpea ideotypes for farming systems in Western Nigeria 197272
Cassava research in Nigeria before 1972 [breeding, agronomy, physiology, chemical analyses, pests and diseases, cytogenetics] 197738
A review of sexual propagation for yam improvement [Dioscorea rotundata, Nigeria] 197750
Attempted control of virus incidence in cowpeas by the use of barrier crops [maize, rice, soybeans, Nigeria] 200729
Incidence, symptomatology, and transmission of a yam virus in Nigeria 200754
Maiduguri Mill Project: grain milling and utilization in West Africa [Nigeria] 207487
[Research on cassava in Nigeria before 1972] 298253
[Incidence, symptomatology and transmission of yam virus in Nigeria] 301172
[Maiduguri mill project: grain milling and utilization in West Africa [processed cereals, leguminous grains and cereals, Nigeria]] 305956
Cassava improvement in the Niger Delta of Nigeria 401339
Distribution and importance of cassava bacterial blight in Africa 401344
Control of cassava bacterial blight in Nigeria 446729

North Africa

- FAO food legume programs in the Middle East and North Africa 434668
Food legume diseases in North Africa 434674
Food legume production: the contribution of West Asia and North Africa to the world situation [Arab countries, Middle East] 434678
Some aspects of the agroclimatology of West Asia and North Africa [Arab countries, Middle East] 434680
Insect pests of food legumes in the Middle East [North Africa] 434684

O

Oceania

- Giant swamp taro, a little-known Asian-Pacific food crop [Cytosperma chamissonis] 199433
Bamboos in the Asia-Pacific region 790749

P

Pacific Islands (NZ) - Tokelau

- Cage and pen culture of fish [Tokelau Islands] 440906
Cage and pen culture of fish [Tokelau Islands] 440907
Coffee pulp [Tokelau Islands] 441708

Pakistan

- Current programs of the International Rice Research Institute 008521
Theileriosis in Pakistan [ruminants] 304478

Panama

- [Panama: case study. Document no. 4, agrarian sector. State of research. Needs of research] 232250

Peru

- Peru [report on cassava] 076037
Adaptation of cultivated potatoes to the lowland tropics [Peru] 197623

Philippines

- The cassava industry of the Philippines 006174
Current programs of the International Rice Research Institute 008521
A multipronged approach to rural development: the College of Agriculture Complex of Xavier University, Philippines 074674
The Buhi Rural Social Development Center Project, Buhi, Camarines Sur, Philippines 074690
The Cebu Institute of Medicine Rural Internship Program, Cebu, Philippines 074692

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

- Philippines [report on cassava] 076027
Beyond Manila [rice] 474517
A review of teacher effectiveness research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755
Properties and utilization of Philippine erect bamboos 795918

R

Rwanda

- Two projects to help grain production and milling in Africa [Rwanda, Botswana, cereals, oilseeds, sunflower, rape] 143084
Theileriosis in Rwanda [cattle] 304511

S

Sahel

- The role of trees in the Sahel 561765
Nutritional status of the rural population of the Sahel. Report of a Working Group, Paris, France, 28-29 April 1980 752771
Nutritional status of the rural population of the Sahel 828260
Nutritional status of the rural population of the Sahel 828271

Senegal

- Multi-faceted research on sorghum in Ethiopia, Senegal and Canada 111725

Singapore

- Quality standards in food processing in Singapore 010979
Rattan [Singapore] 560300

Somalia

- Theileriosis in Somalia [ruminants] 304474

South East Asia

- International Development Research Centre programs in agriculture, fisheries, forestry and food science 005999
Directory of food science and technology in Southeast Asia 008111
Hawkers and vendors in Asian cities [Indonesia, Malaysia, Philippines] 074739
Fish farming can help meet food needs [South East Asia] 009060
Increasing the availability of fish and fish products in Southeast Asia [oysters] 117419
Asian scientists seek ways to reduce post-production losses in rice crop 118321
Agricultural information bank will link Asia to worldwide system 119660
Giant swamp taro, a little-known Asian-Pacific food crop [Cyrtoosperma chamicum] 199433
[Breeding milkfish in captivity by artificial insemination in Southeast Asia] 206410
Diseases of fish cultured for food in Southeast Asia 458269
Housing Asia's millions: problems, policies, and prospects for low-cost housing in Southeast Asia 584086

Sri Lanka

- Cultivation, processing and utilization of cassava in Sri Lanka 086177
Rural housing [finance, design, materials, Sri Lanka] 408696

Sudan

- Intercropping as a means of producing off-season tomatoes during the hot summer months in the Sudan [pigeon peas] 197281
Theileriosis in the Sudan [cattle] 304540
Food legume research and development in the Sudan 434695
Diseases of broad beans (Vicia faba) in the Sudan 434717

Syrian Arab Republic

- Food legumes in Syria 434675
Food legumes in the farming system: a case study from Northern Syria 434677
Diseases of major food legume crops in Syria 434679
Some insect pests of leguminous crops in Syria 434685

T

Taiwan, Province of

- Cassava bacterial blight in Taiwan [Xanthomonas manihotis] 208747
[Cassava bacterial smut in Taiwan] 323113

Tanzania

- Measuring plant density effects on insect pests in intercropped maize-cowpeas [Tanzania] 197224
Effects of crop combinations and planting configurations on the growth and yield of soybeans, millet, and sorghum in intercropping [Tanzania] 197256
Selection criteria in intercrop breeding [Tanzania, cereals, leguminous grains and vegetables, oil herbs and bushes] 197434
Cereal-legume breeding for intercropping [cowpeas, sorghum, millet, maize, soybeans, Tanzania] 197722
Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
Pest control in mixed cropping systems [sorghum, cowpeas, Tanzania] 200284
Theileriosis in Zanzibar and Pemba [cattle] 304506
Theileriosis in Tanzania [cattle] 304537

Thailand

- Production and export control in Thailand and the marketing in Europe of tapioca pellets 006058
Problems of the Thai tapioca trade 006060
Technology of cassava chips and pellets processing in Thailand 008164
Agricultural research and economic development 011469
The Thailand Rural Reconstruction Movement 074697
Thailand [report on cassava] 076026
A profile of Thai cassava production practices 194201
[Outline of the cassava cultivation practices in Thailand] 298252
Cassava trade of Thailand in 1977 318786
Biological titration of Thai cassava root products of various grades with broiler chicks 324894
Biological titration of Thai cassava root products of various quality grades, 1: high-quality root chips in pig rations 324898
Determination of basic chemical parameters of [Thai] cassava root products of different origin, processing technology and quality 328275
Crop production and cropping systems [on effect of row spacing and planting patterns in peanut, mungbean and cowpea-sorghum intercropping: relay intercropping of sorghum and peanut; sorghum and soybean at Khon Kaen in Thailand] 397620
An assessment of the relative importance of fertilizer, soil insecticide, and leaf spraying insecticide on yield of peanut [at Khon Kaen in Thailand] 397626
Climatic conditions [rainfall, air temperature and relative humidity, soil temperature, evaporation and sunshine duration at Khon Kaen University in Thailand] in 1977 398128
Soil water content distribution within the soil profile of a selected soil in Northeast Thailand under rainfed conditions 398277
An evaluation on economic levels of nitrogen and phosphorus fertilizers for sorghum [at Khon Kaen in Thailand] 398561
Studies on soil microvariability [a preliminary investigation on the effects of organic matter and fertilizer on growth of sorghum in the soil from poor spot and study on performance of crop species (kenaf, mungbean, soybean, cowpea, peanut, sorghum, corn and cassava) across variability gradient at Khon Kaen in Thailand] 398562
Effects of NPK fertilizer and molybdenum on yield of soybean [at Khon Kaen in Thailand] 398587
Sorghum breeding [evaluation and screening of segregating materials, crossing and yield trials at Khon Kaen in Thailand] 398981
Peanut breeding [variety collection and evaluation and yield trials at Khon Kaen in Thailand] 399068
Soybean breeding [crop environment, diversity in the KKU [Khon Kaen University] soybean collection, yield trials and effect of population densities on yield and other characteristics at Khon Kaen in Thailand] 399877
Peanut insect pests: seasonal infestation, effects of insecticides, and losses due to insect pests [leaf miner, jassid, subterranean ant, aphid and leaf roller at Khon Kaen in Thailand] 400083
A study on seasonal distribution of leaf miner and leaf roller populations [in soybean, peanut, mungbean and cowpea at Khon Kaen in Thailand] 400085
A study on seasonal distribution of bean fly population [in soybean, mungbean and cowpea at Khon Kaen in Thailand] 400086
Sorghum diseases [grey leaf spot caused by Cercospora sorghi at Khon Kaen in Thailand] 401161
Biological titration [with pigs] of Thai cassava root products of

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

- various quality grades, trial 2 447902
- Multiple cropping research report: an activity of Kasetsart University and the International Development Research Centre [Canada, existing crops and pattern of the rainfed area of the Central plain of Thailand are included] 503443
- 1977 annual report on cropping systems (in Thailand) project [Part 1: Studies in Ubon Ratchathani, Pimai, Inburi and Bangpae, Part 2: Cropping systems technology for rainfed and irrigated rice areas] 503466
- Cassava and cassava-based intercrop systems in Thailand 503522
- Rice based cropping system involves mungbean [*Vigna radiata* (L.) Wilczek] in Central Thailand 527739
- Components of growth and yield of mungbean [*Vigna radiata* (L.) Wilczek] when grown after rice in cropping system 527759
- Effect of repeat pre-plant application of glyphosate on purple nutsedge population in mungbean-rice sequential cropping [in Thailand] 527760
- Effect of surface management on soil moisture profile and water use efficiency of mungbean grown as a rotation crop after rice [Thailand] 527761
- Role of pest management on mungbean in multiple cropping system [Thailand] 529333
- Effect of pre-emergence herbicide in weed number and yield of mungbean when grown by row planting and broadcasting method [in Thailand] 530297
- Purple nutsedge [*Cyperus rotundus*] control with fourth application of glyphosate in mungbean grown after rice [in Thailand] 530298
- A review of teacher effectiveness research in Africa, Latin America, Middle East, Malaysia, Philippines, and Thailand: synthesis of results 751755
- Togo**
- Togo [country statement, on cassava blight] 401342
- Trinidad and Tobago**
- Total dry matter production, tuber yield, and yield components of six local cassava cultivars in Trinidad 198862
- [Total dry matter production, tubers yield and yield components of six cassava native cultivars in Trinidad] 298249
- Tropical Africa**
- Natural durability and preservation of one hundred tropical African woods 144697
- Assessment of innovations in intercropping systems [Tropical Africa] 197181
- Cowpeas as an intercrop under cereals [Tropical Africa] 197273
- Cassava improvement in the Niger Delta of Nigeria 401339
- Cassava bacterial blight [Tropical Africa] 401343
- Diagnosis of cassava bacterial blight disease [Tropical Africa] 401345
- Man and tree in Tropical Africa 401790
- Man and tree in Tropical Africa 801875
- Tropical America**
- [First commentaries to the lecture on Agronomic value of some edible leguminous grain cultivated in the low land Tropics] 075120
- The utilization of "bitter" potatoes in the cold tropics of Latin America [*Solanum juzepczukii*, *S. curtilobum*] 208521
- Cassava in the nutrition of broilers [chickens, tropical America] 303426
- [Utilization of bitter potatoes in the cold tropics of Latin America] 306469
- Tropics**
- Food crop research for the semi-arid tropics 006112
- Improvement and development of tropical root crops 011474
- Stable tropical fish products 068289
- Tropical oyster culture. A selected bibliography 079669
- Provisional thesaurus on tropical grain and forage legumes 082377
- Cassava: the development of an international research network 082399
- Making potatoes available in the tropics [processing] 118340
- Proceedings of the Fourth Symposium of the International Society for Tropical Root Crops [cassava] 195855
- The Mukibat system of cassava production [Manihot glaziovii, M. esculenta, Indonesia] 195861
- Production of cassava foliage [Venezuela] 195861
- Effect of soil compaction on leaf number and area, and tuber yield of White Lisbon yam [*Dioscorea alata*] 196442
- The interaction of lime with minor elements and phosphorus in cassava production [Colombia] 197045
- Effect of farm yard manure and NPK on cassava [India] 197046
- Effect of potassium and sulfur on growth, yield, and composition of cassava [Colombia] 197047
- Phosphorus requirements of three sweet potato cultivars [Tib 3, Tib 4, Tib 2534] 197051
- Effect of potassium on tuber yield and nutrient uptake of yams [*Dioscorea cayenensis*, *D. rotundata*, *D. alata*, Nigeria] 197052
- Undersowing cassava with stylo [santhes] grown under coconut [Bali] 197276
- Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa] 197277
- Adaptation of cultivated potatoes to the lowland tropics [Peru] 197623
- IBPGR and FAO programs for the collection of crop germ plasm and its long-term conservation [International Board for Genetic Resources: tuber and root crops, grain legumes, cereals] 197737
- Sweet potato breeding using wild related species [*Ipomoea*, Japan] 197745
- Vegetative and sexual management in food yam improvement [*Dioscorea alata*, *D. cayenensis*, *D. trifida*] 197748
- Selected yam varieties for the tropics [*Dioscorea*] 197749
- A review of sexual propagation for yam improvement [*Dioscorea rotundata*, Nigeria] 197750
- Productivity of root crops 198856
- Mineral nutrition of cassava and adaptation to low fertility conditions 198861
- Lipase activity and the conversion of fat to carbohydrate in cassava 198865
- Origin, evolution, and early dispersal of root and tuber crops [tropics] 199432
- World distribution, identification, and control of cassava pests 200207
- Distribution, biology, and population dynamics of the green cassava mite in the neotropics [*Mononychellus tanajoi*] 200210
- Cassava diseases and their control 200740
- Lipid metabolism in mosaic-infected cassava [M4, H.165 varieties] 200749
- Effect of potassium and bacterial blight on the yield and chemical composition of cassava cultivars [*Xanthomonas manihotis*] 200750
- Synonymy in sweet potato virus diseases 200752
- Susceptibility of cassava chips to *Araceae* fasciculatus 201480
- Utilization of cassava-based diets in swine feeding [Tropics] 203285
- Utilization of cassava as a carbohydrate source for pigs 203266
- Utilization of nutritionally improved cassava in poultry and pig diets 203267
- The effect of various levels of cassava leaf meal in broiler chicken rations 203268
- Protein enrichment of cassava by fermentation with microfungi and the role of natural nitrogenous supplements 203269
- Establishment of a pilot plant for the production of fungal protein from cassava 203763
- Use of cassava as a food supplement for broiler chicks 203837
- Cassava utilization in agro-industrial systems 207577
- The toxic effect of cassava on human thyroid 207998
- The prophylactic action of cassava 207999
- Utilization of potatoes in the tropics 208525
- [Use of potato in the tropics] 208065
- [Summaries of papers presented during the Fourth Symposium of the International Society for Tropical Root Crops [cassava, leguminous grains and vegetables]] 298242
- [Abstracts of the fourth symposium of the International Society of Tropical Edible Root Crops] 298243
- [Preliminary results in the adaptation of potato to the lowland tropics] 299153
- [Yam selected varieties for the tropics] 299220
- [Distribution, biology and population dynamics of cassava green mites in the neotropics] 300627
- Trees for people: an account of the forestry research program supported by the International Development Research Centre [forage trees and shrubs, Tropics] 301768
- Trees, food, and people: land management in the tropics 301990
- Cassava as a feed source for ruminants [tropics] 303421
- Life-cycle swine feeding systems with cassava [soybean, maize, tropics] 303422
- Cassava in the nutrition of swine [tropics] 303424
- Whole plant utilization of cassava for animal feed [tropics] 303425
- Improving the quality of cassava root and leaf product technology [ruminants, tropics] 303427
- Cassava in the nutrition of layers [chickens, tropics] 303428
- Theileriosis [ruminants, bovines, Tropics] 304676
- Basic Principles of Theileria annulata control [cattle, tropics] 304630
- The control of theileriosis [tropics, cattle] 304656
- Nutritional standards and methods of evaluation for food legume breeders [Tropics] 306390
- Thesaurus on tropical grain and forage legumes 396009
- Trees in land improvement in tropical countries 401800
- Feed evaluation systems for the tropics of Latin America [ruminants, domesticated birds] 500135
- Tropical moist forests: we all gain or lose together 556701
- Tropical oysters: culture and methods 563665
- Tunisia**
- Improving on alfalfa: the grass that gives jobs to 20000 Tunisian families [esparto, *Stipa tenacissima*, Algeria] 109180

GEOGRAPHICAL INDEX - Political Geography and Marine Areas

Food legume improvement in Tunisia	434673	Y
Turkey		
Theileriosis in Turkey [dairy cattle]	304578	Yemen, Democratic
Grain legume production in Turkey	434676	Food legume improvement in the People's Democratic Republic of Yemen
		434670
U		Z
Uganda		Zaire
Advances in research on the economic significance of the green cassava mite (<i>Mononychellus tanajoa</i>) in Uganda	188904	Guidelines for the establishment of a cassava improvement project: the Zaire model
Possible relationship between intercropping and plant disease problems in Uganda	197204	Preliminary results of intercropping trials in Zaire with maize and certain legumes
Studies on mixtures of maize and beans with particular emphasis on the time of planting beans	197227	Control of cassava bacterial blight in Zaire
Some aspects of the productivity and resource use of mixtures of sunflower and fodder radish [Uganda]	197259	Traditional medicine in Zaire
Population dynamics of the green cassava mite and its predator <i>Oligota</i> [<i>Mononychellus tanajoa</i> , Uganda]	200208	Role of cassava in the etiology of endemic goitre and cretinism [Zaire]
Effect of mosaic on the yield of sweet potatoes in Uganda [Kyebandula variety]	200753	
[Effect of mosaic on the yam yield in Uganda]	301168	Zambia
Theileriasis in Uganda [cattle]	304528	Theileriosis in Zambia [cattle]
		304536
United Kingdom		
Triticale research program in the United Kingdom	006420	
Upper Volta		
Migration in Upper Volta	558665	
Uruguay		
[Updating and handling of a union catalog of serials of the agricultural libraries of Uruguay]	661006	
USA		
Triticale: its potential as a cereal crop in the United States of America	006429	
USA - Hawaii		
Sweet potato production in Hawaii	195863	
A system of food delivery from root crops [taro, <i>Colocasia esculentum</i> , Hawaii]	207579	
USA - North Carolina		
Sweet potato production, handling, curing, storage, and marketing in North Carolina	195865	
[Production, handling, preservation, storage and marketing of yam in North Carolina]	296595	
V		
Venezuela		
Venezuela [report on cassava]	076025	
Production of cassava foliage [Venezuela]	195861	
W		
West Africa		
Cowpeas: home preparation and use in West Africa	090499	
Project to help rice production in 14 countries of West Africa	142227	
Maiduguri mill project: grain milling and utilization in West Africa [Nigeria]	146360	
Intercropping of cassava with vegetables [tomato, okra, French beans, West Africa]	197277	
Evaluation of the CARIS Pilot Project [West Africa]	209188	
Evaluation of the CARIS Pilot Project [West Africa]	209199	
[Maiduguri mill project: grain milling and utilization in West Africa [processed cereals, leguminous grains and cereals, Nigeria]]	385956	
Western Europe		
Development of triticales in Western Europe	006435	

GEOGRAPHICAL INDEX - Physical Geography

A

Arid Zone

- Hidden waters in arid lands 009695
- [Foods from the desert?] 099104
- The training and communications program at ICARDA [leguminous vegetables, arid zone] 434671
- Accentuation of weed control problems in the dry areas with relevance to herbicides in food legumes 434672
- Food legume improvement and development [Middle East, Arid Zone] 434681
- The role of IDRC in food legume improvement research [arid zone] 434688
- The food legume improvement and development program of the Field Crops Section at ACSAD [arid zone] 434693
- Strategies for the genetic improvement of lentils, broad beans, and chick peas, with special emphasis on research at ICARDA [arid zone] 434716

I

Inland Waters

- Rural water supply and sanitation in less-developed countries 008068

M

Mountain Area

- Caqueza: living rural development [mountain areas, Colombia] 443183

S

Semi-arid Zone

- Food crop research for the semi-arid tropics 006112
- Improvement of crops and their relationship to nutrition and food science technology in the semi-arid tropics 008518
- Processing and utilization of cowpea, chickpea, pigeon pea, and mung bean 011026
- Hidden waters in arid lands 009695
- Rhizosphere populations in intercropped maize and soybeans 196431
- Crop production practices in intercropping systems 197187
- Systematic spacing designs as an aid to the study of intercropping 197195
- Future directions of intercropping and farming systems research in Africa 197196
- Developing mixed cropping systems relevant to the farmers' environment [Nigeria] 197206
- Cropping systems research: the scope and strategy for research in crop combinations based on experience of previous and current studies 197207
- Mixed cropping research at the Institute for Agricultural Research, Samaru, Nigeria [cereals, cotton] 197217
- Intercropping in semi-arid areas [cereals, vegetables, oil crops] 197218
- A limited objective approach to the design of agronomic experiments with mixed crops [maize, beans, Kenya] 197223
- Measuring plant density effects on insect pests in intercropped maize-cowpeas [Tanzania] 197224
- Intercropping for increased and more stable agricultural production in the semi-arid tropics [millet, pigeon peas, maize] 197226
- Studies on mixtures of maize and beans with particular emphasis on the time of planting beans 197227
- An appraisal of some intercropping methods in terms of grain yield, response to applied phosphorus, and monetary return from maize and cowpeas 197231
- Effects of maize height difference on the growth and yield of intercropped soybeans 197232
- Intercropping with sorghum at Alemaya, Ethiopia 197241
- Effects of crop combinations and planting configurations on the growth and yield of soybeans, millet, and sorghum in intercropping [Tanzania] 197256
- Some aspects of the productivity and resource use of mixtures of

- sunflower and fodder radish [Uganda] 197259
- Selection criteria in intercrop breeding [Tanzania, cereals, leguminous grains and vegetables, oil herbs and bushes] 197434
- Effects of spraying on yield of cowpeas grown in monoculture and under maize, sorghum, or millet [insect pest control, Tanzania] 199950
- Pest control in mixed cropping systems [sorghum, cowpeas, Tanzania] 200204
- Induced resistance to bean rust and its possible epidemiological significance in mixed cropping 200717
- [Report of the research project for small farmers in semi-arid areas of the Central American Isthmus, 1979, April 1980 under CIID (Canada) financing] 684099

Swamps

- [Cytosperma chamissonis (Shott) Merr. (giant Colocasia of the swamps), a not well known food crop from Asian Pacific [root vegetable]] 300071

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		PA	PANAMA (XL)		

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YU	YUGOSLAVIA
ZM	ZAMBIA
ZH	ZAIRE
ZW	ZIMBABWE

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Al	Albanian — Albanais — Albanés
Ar	Arabic — Arabe — Árabe
Be	White Russian — Biélorussien — Ruso blanco
Bg	Bulgarian — Bulgare — Bulgaro
Ch	Chinese — Chinois — Chino
Cs	Czech — Tchéque — Checo
Da	Danish — Danois — Danés
De	German — Allemand — Aleman
Ee	Estonian — Estonien — Estonio
En	English — Anglais — Inglés
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Fr	French — Français — Francés
Gr	Greek — Grec — Griego
He	Hebrew — Hébreu — Hebreo
Ha	Hungarian — Hongrois — Hungaro
In	Indonesian — Indonésien — Indonesio
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Ko	Korean — Coréen — Coréano
La	Latin — Latin — Latin
Li	Lithuanian — Lithuanien — Lituano
Lv	Latvian — Letton — Leton
Ma	Macedonian — Macédonien — Macedonio
Nl	Dutch — Hollandais — Holandés
No	Norwegian — Norvégien — Noruego
Pe	Persian — Persan — Persa
Pl	Polish — Polonais — Polaco
Pt	Portuguese — Portugais — Português
Ro	Romanian — Roumain — Rumano
Ru	Russian — Russe-Ruso
Sa	Sanskrit — Sanscrit — Sanscrito
Sh	Serbo-Croat — Serbo-Croate — Servocroata
Sk	Slovak — Slovaque — Eslovaco
Sn	Slovenian — Slovène — Esloveno
Sv	Swedish — Suédois — Sueco
Tr	Turkish — Turc — Turco
Uk	Ukrainian — Ukrainien — Ucrainiano
Ur	Urdu — Ourdu — Urdu